# Subject Index

# A

# Academic detailing

Academic Detailing to Improve Antihypertensive Prescribing Patterns, 508

#### Acetylcholine

Influence of Dietary Salt Intake on the Response of Isolated Perfused Mesenteric Veins of the Dog to Vasoactive Agents, 6

#### α-Adducin

Alpha-Adducin Polymorphism, Salt Sensitivity, Nitric Oxide Excretion, and Cardiovascular Risk Factors in Normotensive Hispanics, 1018

Effects of Endothelial Nitric Oxide Synthase, α-Adducin, and Other Candidate Gene Polymorphisms on Blood Pressure Response to Hydrochlorothiazide, 834

### **B-Adducin**

B-Adducin Polymorphisms, Blood Pressure, and Sodium Excretion in Three European Populations, 840

# Adiponectin

Decreased Plasma Adiponectin Concentration in Patients With Essential Hypertension, 72

#### Adolescents

Adolescent Blood Pressure and Blood Pressure
Tracking into Young Adulthood Are Related to
Subclinical Atherosclerosis: The Atherosclerosis
Risk in Young Adults (ARYA) Study, 549

Spurious Systolic Hypertension of Youth: Fit Young Men With Elastic Arteries, 229

# Adrenergic \alpha-agonists

N-Acetylcysteine Improves Nitric Oxide and α-Adrenergic Pathways in Mesenteric Beds of Spontaneously Hypertensive Rats, 577

# **B2-adrenergic receptor**

Arg16Gly Polymorphism of the β2-Adrenergic Receptor and Left Ventricular Systolic Function, 945

### Adrenocortical scintigraphy

Efficacy of Screening for Primary Aldosteronism by Adrenocortical Scintigraphy Without Discontinuing Antihypertensive Medication, 725

# African Americans. See also Race

Acute Hyperlipidemia Increases Oxidative Stress More in African Americans Than in White Americans, 331

Association of Polymorphisms in the Promoter Region of the PNMT Gene With Essential Hypertension in African Americans but not in Whites, 859

Comparative Efficacy and Safety of Nisoldipine Extended-Release (ER) and Amlodipine (CESNA-III study) in African American Patients With Hypertension, 739

Diminished Renal Kallikrein Responses to Mineralocorticoid Stimulation in African Americans: Determinants of an Intermediate Phenotype for Hypertension, 281

Efficacy of Low-Dose Spironolactone in Subjects With Resistant Hypertension, 925

Ethnic Differences in the Hemodynamic Mechanisms of Ambulatory Blood Pressure Regulation, 270

Genome-wide Linkage Analyses for Hypertension Genes in Two Ethnically and Geographically Diverse Populations, 154

Genome-wide Linkage Analysis Investigating the Determinants of Blood Pressure in Whites and African Americans, 151

Hypertension Care and Control in Underserved Urban African American Men: Behavioral and Physiologic Outcomes at 36 Months, 906

Plasma Homocysteine Concentration and Blood Pressure in Young Adult African Americans, 767

Recommendations for the Management of Special Populations: Racial and Ethnic Populations, 50S

T594M Variant of the Epithelial Sodium Channel B-Subunit Gene and Hypertension in Individuals of African Ancestry in South Africa, 847

#### Aging. See also Adolescents; Children; Elderly

Age-Associated Changes in Left Ventricular
Diastolic Function Are Related to Increasing
Left Ventricular Mass, 473

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 8A

Vascular Impact of Aging and Vasoactive Drugs: Comparison of Two Digital Volume Pulse Measurements, 467

# Albumin

Role of Salt Sensitivity, Blood Pressure, and Hyperinsulinemia in Determining High Upper Normal Levels of Urinary Albumin Excretion in a Healthy Adult Population, 343

#### Aldosterone

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274

Aldosterone Breakthrough During Angiotensin-Converting Enzyme Inhibitor Therapy, 781

Aldosterone-induced Cardiac Damage: Focus on Blood Pressure Independent Effects, 80

Differential Effect of Acute Angiotensin II Type 1 Receptor Blockade on the Vascular and Adrenal Response to Exogenous Angiotensin II in Humans, 445

# Subject Index

# A

# Academic detailing

Academic Detailing to Improve Antihypertensive Prescribing Patterns, 508

#### Acetylcholine

Influence of Dietary Salt Intake on the Response of Isolated Perfused Mesenteric Veins of the Dog to Vasoactive Agents, 6

#### α-Adducin

Alpha-Adducin Polymorphism, Salt Sensitivity, Nitric Oxide Excretion, and Cardiovascular Risk Factors in Normotensive Hispanics, 1018

Effects of Endothelial Nitric Oxide Synthase, α-Adducin, and Other Candidate Gene Polymorphisms on Blood Pressure Response to Hydrochlorothiazide, 834

### **B-Adducin**

B-Adducin Polymorphisms, Blood Pressure, and Sodium Excretion in Three European Populations, 840

# Adiponectin

Decreased Plasma Adiponectin Concentration in Patients With Essential Hypertension, 72

#### Adolescents

Adolescent Blood Pressure and Blood Pressure
Tracking into Young Adulthood Are Related to
Subclinical Atherosclerosis: The Atherosclerosis
Risk in Young Adults (ARYA) Study, 549

Spurious Systolic Hypertension of Youth: Fit Young Men With Elastic Arteries, 229

# Adrenergic \alpha-agonists

N-Acetylcysteine Improves Nitric Oxide and α-Adrenergic Pathways in Mesenteric Beds of Spontaneously Hypertensive Rats, 577

# **B2-adrenergic receptor**

Arg16Gly Polymorphism of the β2-Adrenergic Receptor and Left Ventricular Systolic Function, 945

### Adrenocortical scintigraphy

Efficacy of Screening for Primary Aldosteronism by Adrenocortical Scintigraphy Without Discontinuing Antihypertensive Medication, 725

# African Americans. See also Race

Acute Hyperlipidemia Increases Oxidative Stress More in African Americans Than in White Americans, 331

Association of Polymorphisms in the Promoter Region of the PNMT Gene With Essential Hypertension in African Americans but not in Whites, 859

Comparative Efficacy and Safety of Nisoldipine Extended-Release (ER) and Amlodipine (CESNA-III study) in African American Patients With Hypertension, 739

Diminished Renal Kallikrein Responses to Mineralocorticoid Stimulation in African Americans: Determinants of an Intermediate Phenotype for Hypertension, 281

Efficacy of Low-Dose Spironolactone in Subjects With Resistant Hypertension, 925

Ethnic Differences in the Hemodynamic Mechanisms of Ambulatory Blood Pressure Regulation, 270

Genome-wide Linkage Analyses for Hypertension Genes in Two Ethnically and Geographically Diverse Populations, 154

Genome-wide Linkage Analysis Investigating the Determinants of Blood Pressure in Whites and African Americans, 151

Hypertension Care and Control in Underserved Urban African American Men: Behavioral and Physiologic Outcomes at 36 Months, 906

Plasma Homocysteine Concentration and Blood Pressure in Young Adult African Americans, 767

Recommendations for the Management of Special Populations: Racial and Ethnic Populations, 50S

T594M Variant of the Epithelial Sodium Channel B-Subunit Gene and Hypertension in Individuals of African Ancestry in South Africa, 847

#### Aging. See also Adolescents; Children; Elderly

Age-Associated Changes in Left Ventricular
Diastolic Function Are Related to Increasing
Left Ventricular Mass, 473

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 8A

Vascular Impact of Aging and Vasoactive Drugs: Comparison of Two Digital Volume Pulse Measurements, 467

# Albumin

Role of Salt Sensitivity, Blood Pressure, and Hyperinsulinemia in Determining High Upper Normal Levels of Urinary Albumin Excretion in a Healthy Adult Population, 343

#### Aldosterone

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274

Aldosterone Breakthrough During Angiotensin-Converting Enzyme Inhibitor Therapy, 781

Aldosterone-induced Cardiac Damage: Focus on Blood Pressure Independent Effects, 80

Differential Effect of Acute Angiotensin II Type 1 Receptor Blockade on the Vascular and Adrenal Response to Exogenous Angiotensin II in Humans, 445 Diminished Renal Kallikrein Responses to Mineralocorticoid Stimulation in African Americans: Determinants of an Intermediate Phenotype for Hypertension, 281

Impact of Renin-Angiotensin-Aldosterone System Gene Variants on the Severity of Hypertension in Patients With Newly Diagnosed Hypertension, 1006

Urinary Tetrahydroaldosterone as a Screening Method for Primary Aldosteronism: A Comparative Study, 522

#### ALLHAT

ALLHAT and Beyond (editorial), 512

Recommendations for the Management of Special Populations: Racial and Ethnic Populations, 50S

Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

Specialist in Clinical Hypertension Critiques ALLHAT (editorial), 416

# Allicin

Effects of Allicin on Weight in Fructose-Induced Hyperinsulinemic, Hyperlipidemic, Hypertensive Rats, 1053

#### Alternative medicine

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 40A

Ambulatory blood pressure. See also Blood pressure

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274 Antihypertensive Effects of Two Fixed-Dose

Combinations of Losartan and
Hydrochlorothiazide versus Hydrochlorothiazide
Monotherapy in Subjects With Ambulatory
Systolic Hypertension, 1036

Differences in Circadian Blood Pressure Variability During Gestation Between Healthy and Complicated Pregnancies, 200

Ethnic Differences in the Hemodynamic Mechanisms of Ambulatory Blood Pressure Regulation, 270

Impact of Abnormal Nocturnal Blood Pressure Fall on Vascular Function, 209

Protective Effects in Ambulatory Blood Pressure and Centralized Injuries in Hydrocephalic Dahl Rats on High and Low NaCl Diets, 307

Relationships Between Ambulatory White Coat Effect and Left Ventricular Mass in Arterial Hypertension, 498

When Can the Practicing Physician Suspect White Coat Hypertension? Statement from the Working Group on Blood Pressure Monitoring of The European Society of Hypertension (editorial), 87 5-Year Follow-Up of Ambulatory Blood Pressure in Healthy Older Adults, 640

#### Amiloride

Amiloride Reduces Stroke and Renal Injury in Stroke-prone Hypertensive Rats, 312

#### **Amlodipine**

Comparative Efficacy and Safety of Nisoldipine Extended-Release (ER) and Amlodipine (CESNA-III study) in African American Patients With Hypertension, 739

Direct Comparison of the Effects of Valsartan and Amlodipine on Renal Hemodynamics in Human Essential Hypertension, 1030

Effect of Amlodipine, Quinapril, and Losartan on Pulse Wave Velocity and Plasma Collagen Markers in Patients With Mild-to-Moderate Arterial Hypertension, 439

Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

Treatment With Amlodipine and Atorvastatin Have Additive Effect in Improvement of Arterial Compliance in Hypertensive Hyperlipidemic Patients, 715

VALUE Trial: Long-Term Blood Pressure Trends in 13,449 Patients With Hypertension and High Cardiovascular Risk, 544

# Angiogenesis

Endothelial Damage and Angiogenesis in Hypertensive Patients: Relationship to Cardiovascular Risk Factors and Risk Factor Management, 11

# Angiography

Diagnosis of Renal Artery Stenosis: Combining Gadolinium-Enhanced Three-Dimensional Magnetic Resonance Angiography With Functional Magnetic Resonance Pulse Sequences, 1079

Likelihood Ratios in the Diagnosis of Renal Artery Stenosis by Magnetic Resonance Angiography Compared With Renal Angiography, 987

# Angiotensin converting enzyme

Effect of Quinapril, Quinapril-Hydrochlorothiazide, and Enalapril on the Bone Mass of Hypertensive Subjects: Relationship With Angiotensin Converting Enzyme Polymorphisms, 453

Relationship Between Bone Mineral Density and Angiotensin Converting Enzyme Polymorphism in Hypertensive Postmenopausal Women, 233

Angiotensin-converting enzyme inhibitors. See also specific drug

Aldosterone Breakthrough During Angiotensin-Converting Enzyme Inhibitor Therapy, 781 Angiotensinogen Met235Thr Polymorphism,

- Angiotensin Converting Enzyme Inhibitor Therapy, and the Risk of Nonfatal Stroke or Myocardial Infarction in Hypertensive Patients, 1011
- Different Drug Classes Have Variable Effects on Blood Pressure Depending on the Time of Day, 46
- Double-Blind, Placebo-Controlled, Dose-Response Study of the Effectiveness and Safety of Lisinopril for Children With Hypertension, 795
- Effect of Dual Angiotensin Converting Enzyme/
  Neutral Endopeptidase Inhibition, Angiotensin
  Converting Enzyme Inhibition, or AT<sub>1</sub>
  Antagonism on Coronary Microvasculature in
  Spontaneously Hypertensive Rats, 931
- Effect of Efonidipine and ACE Inhibitors on Proteinuria in Human Hypertension With Renal Impairment, 116
- Effects of Nabumetone, Celecoxib, and Ibuprofen on Blood Pressure Control in Hypertensive Patients on Angiotensin Converting Enzyme Inhibitors, 135
- Is it Time to Move to Multidrug Combinations?, 36S
- Recommendations for the Management of Special Populations: Renal Disease in Diabetes, 46S

# Angiotensin I receptor antagonists

- Effect of AT<sub>1</sub> Receptor Blockade on Endothelial Function in Essential Hypertension, 123
- Effect of Dual Angiotensin Converting Enzyme/
  Neutral Endopeptidase Inhibition, Angiotensin
  Converting Enzyme Inhibition, or AT<sub>1</sub>
  Antagonism on Coronary Microvasculature in
  Spontaneously Hypertensive Rats, 931

# Angiotensin I receptor autoantibodies

Agonistic AT1 Receptor Autoantibodies and
Monocyte Stimulation in Hypertensive Patients,

# Angiotensin II

- Abnormal Vasoactive Hormones and 24-Hour
  Blood Pressure in Obstructive Sleep apnea, 274
- Association Between Transforming Growth Factor-B and Hypertension, 604
- Cardiac Angiotensin II: An Intracrine Hormone? (letter), 426
- Control of Arterial Pressure by Angiotensin II and Nitric Oxide at the Onset of Diabetes, 600
- Differential Effect of Acute Angiotensin II Type 1 Receptor Blockade on the Vascular and Adrenal Response to Exogenous Angiotensin II in Humans, 445
- Differential Regulation of Osteoponin Expression in the Clipped and Nonclipped Kidney of Twokidney, One-clip Hypertensive Rats, 214
- Elevation of Sympathetic Activity by Eprosartan in Young Male Subjects, 658
- Expression of Endothelial Angiotensin II Receptor

- mRNA in Pregnancy-Induced Hypertension, 993
- Interactions of L-Arginine, Isosorbide Mononitrate, and Angiotensin II inhibitors on Arterial Pulse Wave, 719
- Leukocyte Angiotensin II Levels in Patients With Essential Hypertension: Relation to Insulin Resistance, 129
- Reduction of Pressor Response to Vasoconstrictor Agents by Overexpression of Catalase in Mice,

# Angiotensin II receptor

- Angiotensin II AT1 Receptor Blockade Improves Renal Perfusion in Hypercholesterolemia, 111
- Angiotensin II Receptor Blockade in Diabetic Neuropathy (letter), 100
- Differential Effect of Acute Angiotensin II Type 1 Receptor Blockade on the Vascular and Adrenal Response to Exogenous Angiotensin II in Humans, 445
- Effect of AT<sub>1</sub> Receptor Blockade on Endothelial Function in Essential Hypertension, 123

# Angiotensin II receptor antagonists

Tolerability and Treatment Compliance With Angiotensin II Receptor Antagonists, 1066

#### Angiotensinogen

- Angiotensinogen Met235Thr Polymorphism, Angiotensin Converting Enzyme Inhibitor Therapy, and the Risk of Nonfatal Stroke or Myocardial Infarction in Hypertensive Patients, 1011
- Characterization of Different High Molecular Weight Angiotensinogen Forms, 478
- Detection of a Receptor for Angiotensinogen on Placental Cells, 59

#### Angiotensin receptor blockers

- Defining the Antihypertensive Properties of the Angiotensin Receptor Blocker Telmisartan by a Practice-based Clinical Trial, 460
- Recommendations for the Management of Special Populations: Renal Disease in Diabetes, 46S

#### Animal models

- Influence of Dietary Salt Intake on the Response of Isolated Perfused Mesenteric Veins of the Dog to Vasoactive Agents, 6
- Short-term (5-Day) Changes in Food Intake Alter Daily Hemodynamics in Rabbits, 302

# Antihypertensive drugs. See also specific drug

- Academic Detailing to Improve Antihypertensive Prescribing Patterns, 508
- American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 27A, 107A
- Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381
- Are There Benefits to Specific Antihypertensive Drug Therapy?, 31S

- Defining the Antihypertensive Properties of the Angiotensin Receptor Blocker Telmisartan by a Practice-based Clinical Trial, 460
- Diabetic Nephropathy and Antihypertensive Treatment: What Are the Lessons from Clinical Trials?, 689
- Different Drug Classes Have Variable Effects on Blood Pressure Depending on the Time of Day, 46
- Efficacy of Screening for Primary Aldosteronism by Adrenocortical Scintigraphy Without Discontinuing Antihypertensive Medication, 725
- Examining Therapeutic Goals: Population Versus Individual-Based Approaches, 26S
- Long-Term Effects of Intensive Blood Pressure Lowering on Arterial Wall Stiffness in Hypertensive Patients, 959
- Optimizing Antihypertensive Treatment in Clinical Practice, 13S
- Short-term Predictors of Maintenance of Normotension after Withdrawal of Antihypertensive Drugs in the Second Australian National Blood Pressure Study (ANBP2), 39

#### **Aortic stiffness**

- Caffeine Increases Aortic Stiffness in Hypertensive Patients, 63
- Gestational Age and Birth Weight in Relation to Aortic Stiffness in Healthy Young Adults: Two Separate Mechanisms?, 76

# Aortic wave reflection

Squatting: The Hemodynamic Change Is Induced by Enhanced Aortic Wave Reflection (letter), 426

#### Apnea

Diastolic Blood Pressure Is the First to Rise in Association With Early Subclinical Obstructive Sleep Apnea: Lessons from Periodic Examination Screening, 236

# Arg16Gly polymorphism

Arg16Gly Polymorphism of the β2-Adrenergic Receptor and Left Ventricular Systolic Function, 945

# L-Arginine

Interactions of L-Arginine, Isosorbide Mononitrate, and Angiotensin II inhibitors on Arterial Pulse Wave, 719

#### Arterial compliance

- American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 136A
- Arterial Compliance: A Diagnostic Marker for Atherosclerotic Plaque Burden?, 356
- Treatment With Amlodipine and Atorvastatin Have Additive Effect in Improvement of Arterial Compliance in Hypertensive Hyperlipidemic Patients, 715

Vascular Effects of Sildenafil in Hypertensive Cardiac Transplant Recipients, 874

#### Arterial elasticity

- Carotid Sinus Stimulation Responses Are Related With Arterial Elastic Properties in Hypertensive Subjects, 914
- Reduced Small Artery But Not Large Artery Elasticity Is an Independent Risk Marker for Cardiovascular Events, 265
- Treatment With Rosiglitazone Reduces
  Hyperinsulinemia and Improves Arterial
  Elasticity in Patients With Type 2 Diabetes
  Mellitus, 617

#### Arterial stiffness

- Arterial Stiffness and Blood Pressure Self-Measurement With Loaned Equipment, 375
- Factors Influencing Arterial Stiffness in Systolic Hypertension in the Elderly: Role of Sodium and the Renin-Angiotensin System, 249
- Long-Term Effects of Intensive Blood Pressure Lowering on Arterial Wall Stiffness in Hypertensive Patients, 959
- Utility of Automated Brachial Ankle Pulse Wave Velocity Measurements in Hypertensive Patients, 653
- Vascular Impact of Aging and Vasoactive Drugs: Comparison of Two Digital Volume Pulse Measurements, 467

#### Atenolol

Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381

#### Atherogenesis

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

#### Atherosclerosis

- Adolescent Blood Pressure and Blood Pressure Tracking into Young Adulthood Are Related to Subclinical Atherosclerosis: The Atherosclerosis Risk in Young Adults (ARYA) Study, 549
- Agonistic AT<sub>1</sub> Receptor Autoantibodies and Monocyte Stimulation in Hypertensive Patients, 827
- American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 15A
- Arterial Compliance: A Diagnostic Marker for Atherosclerotic Plaque Burden?, 356
- Chlamydia pneumoniae and Epstein-Barr Antibodies Are not Associated With Carotid Thickness: The Effect of Hypertension, 777
- Increased Levels of Insulin-Like Growth Factor Binding Protein-3 in Hypertensive Patients With Carotid Atherosclerosis, 754

#### Atorvastatin

Treatment With Amlodipine and Atorvastatin Have Additive Effect in Improvement of Arterial Compliance in Hypertensive Hyperlipidemic Patients, 715

### Atrial natriuretic peptide

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274

Effectiveness of Furosemide in Uncontrolled Hypertension in the Elderly: Role of Renin Profiling, 187

### Autacoids

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 169A

#### Autoantibodies

Agonistic AT<sub>1</sub> Receptor Autoantibodies and Monocyte Stimulation in Hypertensive Patients, 827

#### B

### Baroreflex

Effects of Exercise and β-Blocker on Blood Pressure and Baroreflexes in Spontaneously Hypertensive Rats, 966

Evaluation of Blood Pressure and Baroreflex Sensitivity by Radial Artery Tonometry Versus Finger Arteriolar Photoplethysmography, 371

# Beta blockers

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 33A

Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381

Are There Benefits to Specific Antihypertensive Drug Therapy?, 31S

β-Blockers in Hypertension—The Emperor Has No Clothes: An Open Letter to Present and Prospective Drafters of New Guidelines for the Treatment of Hypertension, 870

Effects of Exercise and β-Blocker on Blood Pressure and Baroreflexes in Spontaneously Hypertensive Rats, 966

From Hypertension to Heart Failure: Update on the Management of Systolic and Diastolic Dysfunction, 18S

Optimizing Antihypertensive Treatment in Clinical Practice, 13S

Role for β-Blockers in the Management of Diabetic Kidney Disease, 7S

#### Birth weight

Gestational Age and Birth Weight in Relation to Aortic Stiffness in Healthy Young Adults: Two Separate Mechanisms?, 76

# Blood pressure. See also Ambulatory blood pressure; Systolic blood pressure

Abnormalities in Blood Pressure Regulation in a Patient With Parkinson's Disease, 612 Acute Caffeine Intake Influences Central More Than Peripheral Blood Pressure in Young Adults, 919

B-Adducin Polymorphisms, Blood Pressure, and Sodium Excretion in Three European Populations, 840

Adolescent Blood Pressure and Blood Pressure Tracking into Young Adulthood Are Related to Subclinical Atherosclerosis: The Atherosclerosis Risk in Young Adults (ARYA) Study, 549

Aldosterone-induced Cardiac Damage: Focus on Blood Pressure Independent Effects, 80

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 29A, 36A

Arterial Stiffness and Blood Pressure Self-Measurement With Loaned Equipment, 375

Associations Between Nondipping of Nocturnal Blood Pressure Decrease and Cardiovascular Target Organ Damage in Strictly Selected Community-Dwelling Normotensives, 434

Blood Pressure and Cognitive Functioning Among Independent Elderly, 818

Blood Pressure Control in the Hypertension Clinic, 878

Blood Pressure Response to Hypoxia: Role of Nitric Oxide Synthase, 1043

Blunted Nocturnal Fall in Blood Pressure and Left Ventricular Mass in Elderly Individuals With Recently Diagnosed Isolated Systolic Hypertension, 900

Comparative Study of Sinoaortic Denervated Rats and Spontaneously Hypertensive Rats, 585

DASH Diet Enhances the Blood Pressure Response to Losartan in Hypertensive Patients, 337

Diastolic Blood Pressure Is the First to Rise in Association With Early Subclinical Obstructive Sleep Apnea: Lessons from Periodic Examination Screening, 236

Differences in Circadian Blood Pressure Variability During Gestation Between Healthy and Complicated Pregnancies, 200

Different Drug Classes Have Variable Effects on Blood Pressure Depending on the Time of Day, 46

Disruption of the Type 2 Dopamine Receptor Gene Causes a Sodium-Dependent Increase in Blood Pressure in Mice, 853

Effect of Rapid Decreases of Blood Pressure by Different Mechanisms on Coronary Flow and Flow Reserve in Normal Coronary Arteries, 1000

Effects of Endothelial Nitric Oxide Synthase, α-Adducin, and Other Candidate Gene Polymorphisms on Blood Pressure Response to Hydrochlorothiazide, 834

Effects of Nabumetone, Celecoxib, and Ibuprofen on Blood Pressure Control in Hypertensive

- Patients on Angiotensin Converting Enzyme Inhibitors, 135
- Effects of Omapatrilat on Blood Pressure and Renal Injury in L-NAME and L-NAME plus DOCAtreated Rats. 33
- Ethnic Differences in the Hemodynamic Mechanisms of Ambulatory Blood Pressure Regulation, 270
- Evaluation of Blood Pressure and Baroreflex Sensitivity by Radial Artery Tonometry Versus Finger Arteriolar Photoplethysmography, 371
- Examining Therapeutic Goals: Population Versus Individual-Based Approaches, 26S
- Experimental Evidence for Blood Pressure-Independent Vascular Effects of High Sodium Diet. 1074
- Genome Scans for Hypertension and Blood Pressure Regulation (editorial), 167
- Genome-wide Linkage Analysis Investigating the Determinants of Blood Pressure in Whites and African Americans, 151
- Gestational Calcium Supplementation and Blood Pressure in the Offspring, 801
- How Much Exercise Is Required to Reduce Blood Pressure in Essential Hypertensives: A Dose– Response Study, 629
- Impact of Abnormal Nocturnal Blood Pressure Fall on Vascular Function, 209
- Is Chronic Inflammation a Determinant of Blood Pressure in the Elderly?, 537
- Is it Time to Move to Multidrug Combinations?, 36S
- Long-Term Effects of Intensive Blood Pressure Lowering on Arterial Wall Stiffness in Hypertensive Patients, 959
- Meta-analysis of Genome-wide Linkage Scans for Hypertension: The National Heart, Lung and Blood Institute Family Blood Pressure Program, 144
- Plasma Homocysteine Concentration and Blood Pressure in Young Adult African Americans, 767
- Pseudo Hypertension of Youth: Too Much of a Good Thing? (editorial), 262
- Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407
- Role of Salt Sensitivity, Blood Pressure, and Hyperinsulinemia in Determining High Upper Normal Levels of Urinary Albumin Excretion in a Healthy Adult Population, 343
- Sodium and Blood Pressure: No Data Dredging, Please! (editorial), 614
- Systolic Blood Pressure Is the Main Etiology for Poorly Controlled Hypertension, 140

- Tolerability and Treatment Compliance With Angiotensin II Receptor Antagonists, 1066
- Use of an Automated Blood Pressure Recording Device, the BpTRU, to Reduce the "White Coat Effect" in Routine Practice, 494
- VALUE Trial: Long-Term Blood Pressure Trends in 13,449 Patients With Hypertension and High Cardiovascular Risk, 544

# **Body** weight

Effect of Body Weight Changes on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertension: A 4-Year Follow-Up, 634

#### Bone mass

Effect of Quinapril, Quinapril-Hydrochlorothiazide, and Enalapril on the Bone Mass of Hypertensive Subjects: Relationship With Angiotensin Converting Enzyme Polymorphisms, 453

# Bone mineral density

- Effect of Quinapril, Quinapril-Hydrochlorothiazide, and Enalapril on the Bone Mass of Hypertensive Subjects: Relationship With Angiotensin Converting Enzyme Polymorphisms, 453
- Regulatory Mechanisms Underlying Decreased Bone Mineral Density in Women With Essential Hypertension (letter), 893
- Relationship Between Bone Mineral Density and Angiotensin Converting Enzyme Polymorphism in Hypertensive Postmenopausal Women, 233

# Brachial ankle pulse wave velocity

Utility of Automated Brachial Ankle Pulse Wave Velocity Measurements in Hypertensive Patients, 653

#### **Brachial** artery

Measures of Brachial Artery Distensibility in Relation to Coronary Calcification, 350

#### Brain natriuretic peptide

Abnormal Vasoactive Hormones and 24-Hour
Blood Pressure in Obstructive Sleep apnea, 274
Limited Value of Plasma Batture Natriusetic Pentide

Limited Value of Plasma B-type Natriuretic Peptide for Screening for Left Ventricular Hypertrophy among Hypertensive Patients, 1025

#### Breathing

Nonpharmacologic Treatment of Resistant Hypertensives by Device-Guided Slow Breathing Exercises, 484

#### C

#### Caffeine

Acute Caffeine Intake Influences Central More Than Peripheral Blood Pressure in Young Adults, 919 Caffeine Increases Aortic Stiffness in Hypertensive Patients, 63

# Calcium

Calcium Exerts a Larger Regulatory Effect on

Potassium<sup>+</sup> Channels in Small Mesenteric Artery Myocytes from Spontaneously Hypertensive Rats Compared to Wistar-Kyoto Rats, 21

Dissociation of Coronary Artery Contractile Hyperreactivity from Hypertension, 570

Eicosapentaenoic Acid Inhibits Ca<sup>2+</sup> Mobilization and PKC Activity in Vascular Smooth Muscle Cells, 708

Gestational Calcium Supplementation and Blood Pressure in the Offspring, 801

Hyperinsulinemia, Intracellular Calcium, and Membrane Function in Essential Hypertension (letter), 95

Measures of Brachial Artery Distensibility in Relation to Coronary Calcification, 350

Renal Interstitial Ca<sup>2+</sup> During Sodium Loading of Normotensive and Dahl-Salt Hypertensive Rats, 771

# Calcium channel blockers

Is it Time to Move to Multidrug Combinations?, 36S

# Cardiomyocytes

Prevention of High Salt Diet-Induced Cardiac Hypertrophy and Fibrosis by Spironolactone, 319

#### Cardiovascular disease

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 7A

Burden of Cardiovascular Disease: Following the Link From Hypertension to Myocardial Infarction and Heart Failure, 4S

Changes in Cardiovascular Risk by Reduction of Left Ventricular Mass in Hypertension: A Meta-Analysis, 895

From Hypertension to Heart Failure: Breaking the Chain of Cardiovascular Disease, 1S

Recommendations for Special Populations: Diabetes Mellitus and the Metabolic Syndrome, 41S

### Cardiovascular dysmetabolic syndrome

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 19A

### Cardiovascular events

Reduced Small Artery But Not Large Artery Elasticity Is an Independent Risk Marker for Cardiovascular Events, 265

# Carotenoids

Plasma Carotenoids, Retinol, Tocopherols, and Lipoproteins in Preeclamptic and Normotensive Pregnant Zimbabwean Women, 665

### Carotid atherosclerosis

Increased Levels of Insulin-Like Growth Factor Binding Protein-3 in Hypertensive Patients With Carotid Atherosclerosis, 754

#### Carotid intima-media

Adolescent Blood Pressure and Blood Pressure Tracking into Young Adulthood Are Related to Subclinical Atherosclerosis: The Atherosclerosis Risk in Young Adults (ARYA) Study, 549

Chlamydia pneumoniae and Epstein-Barr Antibodies Are not Associated With Carotid Thickness: The Effect of Hypertension, 777

#### Carotid sinus stimulation

Carotid Sinus Stimulation Responses Are Related With Arterial Elastic Properties in Hypertensive Subjects, 914

# Catalase

Reduction of Pressor Response to Vasoconstrictor
Agents by Overexpression of Catalase in Mice,

### Celecoxib

Effects of Nabumetone, Celecoxib, and Ibuprofen on Blood Pressure Control in Hypertensive Patients on Angiotensin Converting Enzyme Inhibitors, 135

# Cell biology

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 183A

# Cell membrane transport

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 186A

#### Cerebral autoregulation

Cerebral Autoregulation Indices Are Unimpaired by Hypertension in Middle Aged and Older People, 746

# Cerebral hemorrhage

Digoxin Antibody Prevents Cerebral Hemorrhage-Induced Hypertension, 1062

#### Cerebrovascular accident

Serum Potassium and Stroke Risk Among Treated Hypertensive Adults, 806

#### Cerebrovascular disease

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 67A

#### c-Fos

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

# Children. See also Pediatrics

Double-Blind, Placebo-Controlled, Dose-Response Study of the Effectiveness and Safety of Lisinopril for Children With Hypertension, 795

#### Chlamydia pneumoniae

Chlamydia pneumoniae and Epstein-Barr Antibodies Are not Associated With Carotid Thickness: The Effect of Hypertension, 777

# Chlorthalidone

Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381 Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

#### Cholesterol

Influence of Low High-Density Lipoprotein Cholesterol on Left Ventricular Hypertrophy and Diastolic Function in Essential Hypertension, 938

# Chronobiology

Different Drug Classes Have Variable Effects on Blood Pressure Depending on the Time of Day, 46

#### Chronotherapy

Different Drug Classes Have Variable Effects on Blood Pressure Depending on the Time of Day, 46

Efficacy and Safety of a Once Daily Graded-Release Diltiazem Formulation in Essential Hypertension, 51

# Cilazapril

Effect of Cilazapril With or Without Low Dose Thiazide on LDL Peroxidation in Hypertensive Patients. 734

#### Circadian rhythms

Differences in Circadian Blood Pressure Variability
During Gestation Between Healthy and
Complicated Pregnancies, 200

# c-Jun

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

#### Clinical studies

Large-Scale Search for Genes Predisposing to Essential Hypertension (editorial), 163

Left Ventricular Mass Regression in the LIFE Study: Effect of Previous Antihypertensive Treatment, 180

Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

Short-term Predictors of Maintenance of Normotension after Withdrawal of Antihypertensive Drugs in the Second Australian National Blood Pressure Study (ANBP2), 39

Specialist in Clinical Hypertension Critiques ALLHAT (editorial), 416

#### Clinical trials

Adolescent Blood Pressure and Blood Pressure
Tracking into Young Adulthood Are Related to

Subclinical Atherosclerosis: The Atherosclerosis Risk in Young Adults (ARYA) Study, 549

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 11A, 187A

Defining the Antihypertensive Properties of the Angiotensin Receptor Blocker Telmisartan by a Practice-based Clinical Trial, 460

Diabetic Nephropathy and Antihypertensive Treatment: What Are the Lessons from Clinical Trials?, 689

VALUE Trial: Long-Term Blood Pressure Trends in 13,449 Patients With Hypertension and High Cardiovascular Risk, 544

Why We Can't Translate Clinical Trials into Clinical Practice in Hypertension (editorial), 421

#### Coagulation

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 69A

### Cognitive function

Blood Pressure and Cognitive Functioning Among Independent Elderly, 818

#### Collagen

Effect of Amlodipine, Quinapril, and Losartan on Pulse Wave Velocity and Plasma Collagen Markers in Patients With Mild-to-Moderate Arterial Hypertension, 439

#### Coronary arteries

Effect of Rapid Decreases of Blood Pressure by Different Mechanisms on Coronary Flow and Flow Reserve in Normal Coronary Arteries, 1000

# Coronary artery disease

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 201A

Arterial Compliance: A Diagnostic Marker for Atherosclerotic Plaque Burden?, 356

Dissociation of Coronary Artery Contractile Hyperreactivity from Hypertension, 570

# Coronary artery hyperreactivity

Dissociation of Coronary Artery Contractile Hyperreactivity from Hypertension, 570

# Coronary blood flow

Effect of Rapid Decreases of Blood Pressure by Different Mechanisms on Coronary Flow and Flow Reserve in Normal Coronary Arteries, 1000

#### Coronary calcification

Measures of Brachial Artery Distensibility in Relation to Coronary Calcification, 350

#### Coronary microvasculature

Effect of Dual Angiotensin Converting Enzyme/ Neutral Endopeptidase Inhibition, Angiotensin Converting Enzyme Inhibition, or AT1 Antagonism on Coronary Microvasculature in Spontaneously Hypertensive Rats, 931

### C-reactive protein

High Sensitivity C-Reactive Protein as an

Independent Risk Factor for Essential Hypertension, 429

#### CYP11B2

Impact of Renin-Angiotensin-Aldosterone System Gene Variants on the Severity of Hypertension in Patients With Newly Diagnosed Hypertension, 1006

# D

# **DASH** diet

DASH Diet Enhances the Blood Pressure Response to Losartan in Hypertensive Patients, 337 DASH-Sodium Trial: Where Are the Data? (editorial), 92

Sodium and Blood Pressure: No Data Dredging, Please! (editorial), 614

### **Data Quality Act**

NHLBI's Conflict of Interest: Why We Need the Data Quality Act (editorial), 789

#### Deoxycorticosterone acetate

Effects of Omapatrilat on Blood Pressure and Renal Injury in L-NAME and L-NAME plus DOCAtreated Rats, 33

# Device-guided slow breathing exercises

Nonpharmacologic Treatment of Resistant Hypertensives by Device-Guided Slow Breathing Exercises, 484

#### Diabetes mellitus

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 26A, 224A

Control of Arterial Pressure by Angiotensin II and Nitric Oxide at the Onset of Diabetes, 600

Effect of Indapamide SR in the Treatment of Hypertensive Patients With Type 2 Diabetes, 623

Is Fasting Blood Glucose a Reliable Parameter for Screening for Diabetes in Hypertension?, 297

Oxidative Stress in Hypertensive, Diabetic, and Diabetic Hypertensive Rats, 1049

Peroxynitrite Versus Nitric Oxide in Early Diabetes, 761

Recommendations for Special Populations: Diabetes Mellitus and the Metabolic Syndrome, 41S

Recommendations for the Management of Special Populations: Renal Disease in Diabetes, 46S

Role for β-Blockers in the Management of Diabetic Kidney Disease, 7S

Role of Systolic Blood Pressure on the Progression of Kidney Damage in an Experimental Model of Type 2 Diabetes Mellitus, Obesity, and Hypertension (Zucker Rats), 979

Treatment With Rosiglitazone Reduces
Hyperinsulinemia and Improves Arterial
Elasticity in Patients With Type 2 Diabetes
Mellitus, 617

# Diabetic nephropathy

Diabetic Nephropathy and Antihypertensive

Treatment: What Are the Lessons from Clinical Trials?, 689

Role of Systolic Blood Pressure on the Progression of Kidney Damage in an Experimental Model of Type 2 Diabetes Mellitus, Obesity, and Hypertension (Zucker Rats), 979

# Diabetic neuropathy

Angiotensin II Receptor Blockade in Diabetic Neuropathy (letter), 100

# Diastolic blood pressure

Diastolic Blood Pressure Is the First to Rise in Association With Early Subclinical Obstructive Sleep Apnea: Lessons from Periodic Examination Screening, 236

#### Diastolic dysfunction

From Hypertension to Heart Failure: Update on the Management of Systolic and Diastolic Dysfunction, 18S

#### Diastolic function

Age-Associated Changes in Left Ventricular Diastolic Function Are Related to Increasing Left Ventricular Mass, 473

#### Diastolic hypertension

Systolic and Diastolic Hypertension: No Relationship With Lipid and Inflammatory Markers in Haute-Garonne, France, 681

#### Diet

DASH Diet Enhances the Blood Pressure Response to Losartan in Hypertensive Patients, 337

Development of Structural Vascular Changes in Salt-Fed Rats, 488

Experimental Evidence for Blood Pressure-Independent Vascular Effects of High Sodium Diet, 1074

Influence of Dietary Salt Intake on the Response of Isolated Perfused Mesenteric Veins of the Dog to Vasoactive Agents, 6

Prevention of High Salt Diet-Induced Cardiac Hypertrophy and Fibrosis by Spironolactone, 319

Protective Effects in Ambulatory Blood Pressure and Centralized Injuries in Hydrocephalic Dahl Rats on High and Low NaCl Diets, 307

Sodium and Blood Pressure: No Data Dredging, Please! (editorial), 614

# Digoxin antibody

Digoxin Antibody Prevents Cerebral Hemorrhage-Induced Hypertension, 1062

# Diltiazem

Efficacy and Safety of a Once Daily Graded-Release Diltiazem Formulation in Essential Hypertension, 51

### Dipping

Associations Between Nondipping of Nocturnal Blood Pressure Decrease and Cardiovascular Target Organ Damage in Strictly Selected Community-Dwelling Normotensives, 434 Blunted Nocturnal Fall in Blood Pressure and Left Ventricular Mass in Elderly Individuals With Recently Diagnosed Isolated Systolic Hypertension, 900

Impact of Abnormal Nocturnal Blood Pressure Fall on Vascular Function, 209

#### **Diuretics**

Are There Benefits to Specific Antihypertensive Drug Therapy?, 31S

Different Drug Classes Have Variable Effects on Blood Pressure Depending on the Time of Day,

Effect of Quinapril, Quinapril-Hydrochlorothiazide, and Enalapril on the Bone Mass of Hypertensive Subjects: Relationship With Angiotensin Converting Enzyme Polymorphisms, 453

Is it Time to Move to Multidrug Combinations?, 36S

# Dopamine D2 receptors

Disruption of the Type 2 Dopamine Receptor Gene Causes a Sodium-Dependent Increase in Blood Pressure in Mice, 853

# Doppler echocardiography

Determinants of Exercise Capacity in Hypertensive Patients: New Insights from Tissue Doppler Echocardiography, 564

#### Doxazosin

Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

### Dysphonia

Dysphonia Secondary to Perindopril Treatment (letter), 329

# E

# **Echocardiography**

Determinants of Exercise Capacity in Hypertensive Patients: New Insights from Tissue Doppler Echocardiography, 564

Improved Cardiovascular Risk Stratification by a Simple ECG Index in Hypertension, 646

Prevalence of Left Ventricular Hypertrophy in Patients With Mild Hypertension in Primary Care: Impact of Echocardiography on Cardiovascular Risk Stratification, 556

#### **Efonidipine**

Effect of Efonidipine and ACE Inhibitors on Proteinuria in Human Hypertension With Renal Impairment, 116

# Eicosapentaenoic acid

Eicosapentaenoic Acid Inhibits Ca<sup>2+</sup> Mobilization and PKC Activity in Vascular Smooth Muscle Cells, 708

### Elderly

Blood Pressure and Cognitive Functioning Among Independent Elderly, 818

Blunted Nocturnal Fall in Blood Pressure and Left Ventricular Mass in Elderly Individuals With Recently Diagnosed Isolated Systolic Hypertension, 900

Cerebral Autoregulation Indices Are Unimpaired by Hypertension in Middle Aged and Older People, 746

Effectiveness of Furosemide in Uncontrolled Hypertension in the Elderly: Role of Renin Profiling, 187

Factors Influencing Arterial Stiffness in Systolic Hypertension in the Elderly: Role of Sodium and the Renin-Angiotensin System, 249

Is Chronic Inflammation a Determinant of Blood Pressure in the Elderly?, 537

5-Year Follow-Up of Ambulatory Blood Pressure in Healthy Older Adults, 640

#### Electrocardiography

Improved Cardiovascular Risk Stratification by a Simple ECG Index in Hypertension, 646

#### Electrolytes

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 105A

#### Electron paramagnetic resonance

Hormone Replacement Therapy Improves Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 502

Nitric Oxide Is a Determinant of Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 244

# Enalapril

Effect of Quinapril, Quinapril-Hydrochlorothiazide, and Enalapril on the Bone Mass of Hypertensive Subjects: Relationship With Angiotensin Converting Enzyme Polymorphisms, 453

Effect of Taurine and Enalapril on Kidney Function of the Hypertensive Glucose-Intolerant Rat, 673

#### **Endothelial dysfunction**

Endothelial Dysfunction in Sustained and White Coat Hypertension (letter), 892

Reduced Small Artery But Not Large Artery Elasticity Is an Independent Risk Marker for Cardiovascular Events. 265

# **Endothelial factors**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 22A

### Endothelial nitric oxide synthase

Effects of Endothelial Nitric Oxide Synthase, α-Adducin, and Other Candidate Gene Polymorphisms on Blood Pressure Response to Hydrochlorothiazide, 834

#### Endothelin

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 72A

#### **Endothelin-1**

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274

Measurement of Plasma Endothelin-1 in Experimental Hypertension and in Healthy Subjects, 515

Role of Endothelin-1 Induced by Insulin in the Regulation of Vascular Cell Growth, 223

Volume Expansion Enhances Plasma Endothelin-1, 1057

#### **Endothelin antagonists**

Trandolapril and Endothelin Antagonist LU-135252 in the Treatment of the Fructose-Induced Hypertensive, Hyperinsulinemic, Hypertriglyceridemic Rat, 324

#### **Endothelium**

Effect of AT<sub>1</sub> Receptor Blockade on Endothelial Function in Essential Hypertension, 123

Endothelial Damage and Angiogenesis in Hypertensive Patients: Relationship to Cardiovascular Risk Factors and Risk Factor Management, 11

# **Epidemiology**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 205A

### **Epithelial sodium channels**

T594M Variant of the Epithelial Sodium Channel ß-Subunit Gene and Hypertension in Individuals of African Ancestry in South Africa, 847

# **Eprosartan**

Elevation of Sympathetic Activity by Eprosartan in Young Male Subjects, 658

# **Epstein-Barr virus**

Chlamydia pneumoniae and Epstein-Barr Antibodies Are not Associated With Carotid Thickness: The Effect of Hypertension, 777

# Erythrocytes

Hormone Replacement Therapy Improves Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 502

Nitric Oxide Is a Determinant of Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 244

# **Essential hypertension**

Association of Polymorphisms in the Promoter Region of the PNMT Gene With Essential Hypertension in African Americans but not in Whites, 859

Decreased Plasma Adiponectin Concentration in Patients With Essential Hypertension, 72 Direct Comparison of the Effects of Valsartan and Amlodipine on Renal Hemodynamics in Human Essential Hypertension, 1030

Effect of AT<sub>1</sub> Receptor Blockade on Endothelial Function in Essential Hypertension, 123

Efficacy and Safety of a Once Daily Graded-Release Diltiazem Formulation in Essential Hypertension, 51

High Sensitivity C-Reactive Protein as an Independent Risk Factor for Essential Hypertension, 429

How Much Exercise Is Required to Reduce Blood Pressure in Essential Hypertensives: A Dose– Response Study, 629

Hyperinsulinemia, Intracellular Calcium, and Membrane Function in Essential Hypertension (letter), 95

Influence of Low High-Density Lipoprotein Cholesterol on Left Ventricular Hypertrophy and Diastolic Function in Essential Hypertension, 938

Large-Scale Search for Genes Predisposing to Essential Hypertension (editorial), 163

Leukocyte Angiotensin II Levels in Patients With Essential Hypertension: Relation to Insulin Resistance, 129

Neurogenic Essential Hypertension Revisited: The Case for Increased Clinical and Research Attention, 881

Regulatory Mechanisms Underlying Decreased Bone Mineral Density in Women With Essential Hypertension (letter), 893

#### Ethnicity. See also Race

Association of PAI-1 Gene Promoter 4G/5G Polymorphism With Plasma PAI-1 Activity in Chinese Patients With and Without Hypertension, 290

Diminished Renal Kallikrein Responses to Mineralocorticoid Stimulation in African Americans: Determinants of an Intermediate Phenotype for Hypertension, 281

Ethnic Differences in the Hemodynamic Mechanisms of Ambulatory Blood Pressure Regulation, 270

Recommendations for the Management of Special Populations: Racial and Ethnic Populations, 50S

#### Exercise

Age-Associated Changes in Left Ventricular Diastolic Function Are Related to Increasing Left Ventricular Mass, 473

Effects of Exercise and β-Blocker on Blood Pressure and Baroreflexes in Spontaneously Hypertensive Rats, 966

How Much Exercise Is Required to Reduce Blood Pressure in Essential Hypertensives: A Dose– Response Study, 629

Nonpharmacologic Treatment of Resistant

Hypertensives by Device-Guided Slow Breathing Exercises, 484

# **Exercise capacity**

Determinants of Exercise Capacity in Hypertensive Patients: New Insights from Tissue Doppler Echocardiography, 564

# **Experimental hypertension**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 151A

Measurement of Plasma Endothelin-1 in Experimental Hypertension and in Healthy Subjects, 515

# F

# Fasting blood glucose

Is Fasting Blood Glucose a Reliable Parameter for Screening for Diabetes in Hypertension?, 297

# Finger arteriolar photoplethysmography

Evaluation of Blood Pressure and Baroreflex Sensitivity by Radial Artery Tonometry Versus Finger Arteriolar Photoplethysmography, 371

# Food and Drug Modernization Act of 1997

Successes and Shortcomings of the Food and Drug Modernization Act (editorial), 889

### Functional magnetic resonance imaging

Diagnosis of Renal Artery Stenosis: Combining Gadolinium-Enhanced Three-Dimensional Magnetic Resonance Angiography With Functional Magnetic Resonance Pulse Sequences, 1079

#### **Furosemide**

Effectiveness of Furosemide in Uncontrolled Hypertension in the Elderly: Role of Renin Profiling, 187

#### c

# Gadolinium-enhanced magnetic resonance angiography

Diagnosis of Renal Artery Stenosis: Combining Gadolinium-Enhanced Three-Dimensional Magnetic Resonance Angiography With Functional Magnetic Resonance Pulse Sequences, 1079

#### Garlic

Effects of Allicin on Weight in Fructose-Induced Hyperinsulinemic, Hyperlipidemic, Hypertensive Rats, 1053

#### Gastroepiploic artery

Influence of Nitric Oxide on Neurogenic Contraction and Relaxation of the Human Gastroepiploic Artery, 28

# **Gastro-Intestinal Therapeutic System**

Differential Effects of Lercanidipine and Nifedipine GITS on Plasma Norepinephrine in Chronic Treatment of Hypertension, 596

#### Gender, See also Women

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 8A, 76A

Heart Rate and Pulse Pressure Amplification in Hypertensive Subjects, 363

#### Gene therapy

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 18A, 76A

#### Genetics

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 16A, 76A

Genome Scan for Hypertension Susceptibility Loci in Populations of Chinese and Japanese Origins, 158

Genome Scans for Hypertension and Blood Pressure Regulation (editorial), 167

Genome-wide Affected Sibpair Linkage Analysis of Hypertension: the HyperGEN Network, 148

Genome-wide Linkage Analyses for Hypertension Genes in Two Ethnically and Geographically Diverse Populations, 154

Genome-wide Linkage Analysis Investigating the Determinants of Blood Pressure in Whites and African Americans, 151

Large-Scale Search for Genes Predisposing to Essential Hypertension (editorial), 163

Meta-analysis of Genome-wide Linkage Scans for Hypertension: The National Heart, Lung and Blood Institute Family Blood Pressure Program, 144

# Genome-wide linkage analysis

Genome Scan for Hypertension Susceptibility Loci in Populations of Chinese and Japanese Origins, 158

Genome-wide Affected Sibpair Linkage Analysis of Hypertension: the HyperGEN Network, 148

Genome-wide Linkage Analyses for Hypertension Genes in Two Ethnically and Geographically Diverse Populations, 154

Genome-wide Linkage Analysis Investigating the Determinants of Blood Pressure in Whites and African Americans, 151

Meta-analysis of Genome-wide Linkage Scans for Hypertension: The National Heart, Lung and Blood Institute Family Blood Pressure Program, 144

#### Gestational age

Gestational Age and Birth Weight in Relation to Aortic Stiffness in Healthy Young Adults: Two Separate Mechanisms?, 76

### 4G/5G phenotype

Association of PAI-1 Gene Promoter 4G/5G Polymorphism With Plasma PAI-1 Activity in Chinese Patients With and Without Hypertension, 290

#### GITS

Differential Effects of Lercanidipine and Nifedipine

GITS on Plasma Norepinephrine in Chronic Treatment of Hypertension, 596

#### Glucose

Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381

Effect of Indapamide SR in the Treatment of Hypertensive Patients With Type 2 Diabetes, 623

Effect of Taurine and Enalapril on Kidney Function of the Hypertensive Glucose-Intolerant Rat, 673

Is Fasting Blood Glucose a Reliable Parameter for Screening for Diabetes in Hypertension?, 297

#### Glutathione

Effect of Losartan on Oxidative Stress-Induced Hypertension in Sprague-Dawley Rats, 387

# Glycosylated hemoglobin

Is Fasting Blood Glucose a Reliable Parameter for Screening for Diabetes in Hypertension?, 297

#### **Growth factors**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 183A

#### Guidelines

Hypertension Guidelines: Criteria That Might Make Them More Clinically Useful (letter), 698

# Н

# Health care

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 233A

# Heart

Aldosterone-induced Cardiac Damage: Focus on Blood Pressure Independent Effects, 80

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 4A, 172A

Associations Between Nondipping of Nocturnal Blood Pressure Decrease and Cardiovascular Target Organ Damage in Strictly Selected Community-Dwelling Normotensives, 434

Lipoic Acid Prevents Hypertension, Hyperglycemia, and the Increase in Heart Mitochondrial Superoxide Production, 173

#### Heart failure

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 21A, 84A

Burden of Cardiovascular Disease: Following the Link From Hypertension to Myocardial Infarction and Heart Failure, 4S

From Hypertension to Heart Failure: Breaking the Chain of Cardiovascular Disease, 1S

From Hypertension to Heart Failure: Update on the Management of Systolic and Diastolic Dysfunction, 18S

# Heart rate

Heart Rate and Pulse Pressure Amplification in Hypertensive Subjects, 363 Reduced Vagal Activity in Salt-Sensitive Subjects During Mental Challenge, 531

# Heart transplantation

Vascular Effects of Sildenafil in Hypertensive Cardiac Transplant Recipients, 874

# Hemodialysis

Hemodynamic Effects of Chronic Hemodialysis Therapy Assessed by Pulse Waveform Analysis, 814

#### Hemodynamics

Direct Comparison of the Effects of Valsartan and Amlodipine on Renal Hemodynamics in Human Essential Hypertension, 1030

Ethnic Differences in the Hemodynamic Mechanisms of Ambulatory Blood Pressure Regulation, 270

Hemodynamic Effects of Chronic Hemodialysis Therapy Assessed by Pulse Waveform Analysis, 814

Hemodynamic Effects of Nicotinic Acid Infusion in Normotensive and Hypertensive Subjects, 67

Short-term (5-Day) Changes in Food Intake Alter Daily Hemodynamics in Rabbits, 302

Squatting: The Hemodynamic Change Is Induced by Enhanced Aortic Wave Reflection (letter), 426

# Hemoglobin, glycosylated

Is Fasting Blood Glucose a Reliable Parameter for Screening for Diabetes in Hypertension?, 297

# Hemoglobin A1c

Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381

# High-density lipoprotein

Influence of Low High-Density Lipoprotein Cholesterol on Left Ventricular Hypertrophy and Diastolic Function in Essential Hypertension, 938

# High molecular weight angiotensinogen

Characterization of Different High Molecular Weight Angiotensinogen Forms, 478

#### Homocysteine

Plasma Homocysteine Concentration and Blood Pressure in Young Adult African Americans, 767

#### Hormone replacement therapy

Hormone Replacement Therapy Improves Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 502

# Hydrocephalus

Protective Effects in Ambulatory Blood Pressure and Centralized Injuries in Hydrocephalic Dahl Rats on High and Low NaCl Diets, 307

#### Hydrochlorothiazide

Antihypertensive Effects of Two Fixed-Dose Combinations of Losartan and Hydrochlorothiazide versus Hydrochlorothiazide Monotherapy in Subjects With Ambulatory Systolic Hypertension, 1036

Effect of Cilazapril With or Without Low Dose Thiazide on LDL Peroxidation in Hypertensive Patients, 734

Effect of Quinapril, Quinapril-Hydrochlorothiazide, and Enalapril on the Bone Mass of Hypertensive Subjects: Relationship With Angiotensin Converting Enzyme Polymorphisms, 453

Effects of Endothelial Nitric Oxide Synthase, α-Adducin, and Other Candidate Gene Polymorphisms on Blood Pressure Response to Hydrochlorothiazide, 834

# Hydrogen peroxide

Reduction of Pressor Response to Vasoconstrictor Agents by Overexpression of Catalase in Mice,

#### 11B-Hydroxysteroid dehydrogenase

No Evidence of a Relation Between 118-Hydroxysteroid Dehydrogenase Type 2 Activity and Salt Sensitivity, 729

Placental 11B-Hydroxysteroid Dehydrogenase in Dahl and Spontaneously Hypertensive Rats, 401

# HyperGEN Network

Genome-wide Affected Sibpair Linkage Analysis of Hypertension: the HyperGEN Network, 148

### Hyperglycemia

Lipoic Acid Prevents Hypertension, Hyperglycemia, and the Increase in Heart Mitochondrial Superoxide Production, 173

#### Hyperinsulinemia

Effects of Allicin on Weight in Fructose-Induced Hyperinsulinemic, Hyperlipidemic, Hypertensive Rats, 1053

Hyperinsulinemia, Intracellular Calcium, and Membrane Function in Essential Hypertension (letter), 95

Role of Salt Sensitivity, Blood Pressure, and Hyperinsulinemia in Determining High Upper Normal Levels of Urinary Albumin Excretion in a Healthy Adult Population, 343

Trandolapril and Endothelin Antagonist LU-135252 in the Treatment of the Fructose-Induced Hypertensive, Hyperinsulinemic, Hypertriglyceridemic Rat, 324

Treatment With Rosiglitazone Reduces
Hyperinsulinemia and Improves Arterial
Elasticity in Patients With Type 2 Diabetes
Mellitus, 617

# Hyperlipidemia

Acute Hyperlipidemia Increases Oxidative Stress More in African Americans Than in White Americans, 331

Effects of Allicin on Weight in Fructose-Induced Hyperinsulinemic, Hyperlipidemic, Hypertensive Rats, 1053 Treatment With Amlodipine and Atorvastatin Have Additive Effect in Improvement of Arterial Compliance in Hypertensive Hyperlipidemic Patients, 715

# Hyperphagia

Short-term (5-Day) Changes in Food Intake Alter Daily Hemodynamics in Rabbits, 302

# Hypertension susceptibility loci

Genome Scan for Hypertension Susceptibility Loci in Populations of Chinese and Japanese Origins, 158

#### Hypertriglyceridemia

Trandolapril and Endothelin Antagonist LU-135252 in the Treatment of the Fructose-Induced Hypertensive, Hyperinsulinemic, Hypertriglyceridemic Rat, 324

# Hypertrophy

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 84A

Changes in Cardiovascular Risk by Reduction of Left Ventricular Mass in Hypertension: A Meta-Analysis, 895

Comparative Study of Sinoaortic Denervated Rats and Spontaneously Hypertensive Rats, 585

Correlates of Myocardial Oxygen Demand Measured by Positron Emission Tomography in the Hypertrophied Left Ventricle, 240

Improved Cardiovascular Risk Stratification by a Simple ECG Index in Hypertension, 646

Left Ventricular Mass Regression in the LIFE Study: Effect of Previous Antihypertensive Treatment, 180

Limited Value of Plasma B-type Natriuretic Peptide for Screening for Left Ventricular Hypertrophy among Hypertensive Patients, 1025

Midwall Fractional Shortening in Physiologic and Pathologic Left Ventricular Hypertrophy (letter), 792

Prevalence of Left Ventricular Hypertrophy in Patients With Mild Hypertension in Primary Care: Impact of Echocardiography on Cardiovascular Risk Stratification, 556

Prevention of High Salt Diet-Induced Cardiac Hypertrophy and Fibrosis by Spironolactone, 319

#### Hypokalemia

Serum Potassium and Stroke Risk Among Treated Hypertensive Adults, 806

# Hypophagia

Short-term (5-Day) Changes in Food Intake Alter Daily Hemodynamics in Rabbits, 302

# Hypoxia

Blood Pressure Response to Hypoxia: Role of Nitric Oxide Synthase, 1043

#### T

# **Ibuprofen**

Effects of Nabumetone, Celecoxib, and Ibuprofen

on Blood Pressure Control in Hypertensive Patients on Angiotensin Converting Enzyme Inhibitors, 135

# Indapamide SR

Effect of Indapamide SR in the Treatment of Hypertensive Patients With Type 2 Diabetes, 623

# **Inflammation**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 7A, 257A

Is Chronic Inflammation a Determinant of Blood Pressure in the Elderly?, 537

Systolic and Diastolic Hypertension: No Relationship With Lipid and Inflammatory Markers in Haute-Garonne, France, 681

# Insulin. See also Hyperinsulinemia

Role of Endothelin-1 Induced by Insulin in the Regulation of Vascular Cell Growth, 223

# Insulin-like growth factor-1

Altered Insulin-like Growth Factor-1 and Nitric Oxide Sensitivities in Hypertension Contribute to Vascular Hyperplasia, 393

Increased Levels of Insulin-Like Growth Factor Binding Protein-3 in Hypertensive Patients With Carotid Atherosclerosis, 754

### Insulin-like growth factor binding protein-3

Increased Levels of Insulin-Like Growth Factor Binding Protein-3 in Hypertensive Patients With Carotid Atherosclerosis, 754

### **Insulin receptors**

Cellular Mechanisms of Insulin Resistance in Rats With Fructose-Induced Hypertension, 973

# Insulin resistance

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 224A

Cellular Mechanisms of Insulin Resistance in Rats With Fructose-Induced Hypertension, 973

Leukocyte Angiotensin II Levels in Patients With Essential Hypertension: Relation to Insulin Resistance, 129

Treatment With Rosiglitazone Reduces
Hyperinsulinemia and Improves Arterial
Elasticity in Patients With Type 2 Diabetes
Mellitus, 617

# Interstitial calcium

Renal Interstitial Ca<sup>2+</sup> During Sodium Loading of Normotensive and Dahl-Salt Hypertensive Rats, 771

# Ion channels

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 186A

#### Irbesartan

Role of Systolic Blood Pressure on the Progression of Kidney Damage in an Experimental Model of Type 2 Diabetes Mellitus, Obesity, and Hypertension (Zucker Rats), 979

# Isolated systolic hypertension

Blunted Nocturnal Fall in Blood Pressure and Left

Ventricular Mass in Elderly Individuals With Recently Diagnosed Isolated Systolic Hypertension, 900

New Model of Isolated Systolic Hypertension Induced by Chronic Warfarin and Vitamin K<sub>1</sub> Treatment, 103

Systolic and Diastolic Hypertension: No Relationship With Lipid and Inflammatory Markers in Haute-Garonne, France, 681

Systolic Blood Pressure Is the Main Etiology for Poorly Controlled Hypertension, 140

#### Isometric exercise

Age-Associated Changes in Left Ventricular Diastolic Function Are Related to Increasing Left Ventricular Mass, 473

### Isosorbide mononitrate

Interactions of L-Arginine, Isosorbide Mononitrate, and Angiotensin II inhibitors on Arterial Pulse Wave, 719

# K

#### Kallikrein

Diminished Renal Kallikrein Responses to Mineralocorticoid Stimulation in African Americans: Determinants of an Intermediate Phenotype for Hypertension, 281

# Kidneys

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 26A, 93A

Amiloride Reduces Stroke and Renal Injury in Stroke-prone Hypertensive Rats, 312

Effect of Efonidipine and ACE Inhibitors on Proteinuria in Human Hypertension With Renal Impairment, 116

Effect of Taurine and Enalapril on Kidney Function of the Hypertensive Glucose-Intolerant Rat, 673

Effects of Omapatrilat on Blood Pressure and Renal Injury in L-NAME and L-NAME plus DOCAtreated Rats, 33

Role of Systolic Blood Pressure on the Progression of Kidney Damage in an Experimental Model of Type 2 Diabetes Mellitus, Obesity, and Hypertension (Zucker Rats), 979

#### ı

# Left ventricle

Age-Associated Changes in Left Ventricular Diastolic Function Are Related to Increasing Left Ventricular Mass, 473

Arg16Gly Polymorphism of the β2-Adrenergic Receptor and Left Ventricular Systolic Function, 945

Associations Between Nondipping of Nocturnal Blood Pressure Decrease and Cardiovascular Target Organ Damage in Strictly Selected Community-Dwelling Normotensives, 434

Correlates of Myocardial Oxygen Demand Measured by Positron Emission Tomography in the Hypertrophied Left Ventricle, 240

Left Ventricular Changes in Primary Aldosteronism (letter), 96

Left Ventricular Mass Regression in the LIFE Study: Effect of Previous Antihypertensive Treatment, 180

Prevention of High Salt Diet-Induced Cardiac Hypertrophy and Fibrosis by Spironolactone, 319

#### Left ventricular hypertrophy

Changes in Cardiovascular Risk by Reduction of Left Ventricular Mass in Hypertension: A Meta-Analysis, 895

Comparative Study of Sinoaortic Denervated Rats and Spontaneously Hypertensive Rats, 585

Improved Cardiovascular Risk Stratification by a Simple ECG Index in Hypertension, 646

Limited Value of Plasma B-type Natriuretic Peptide for Screening for Left Ventricular Hypertrophy among Hypertensive Patients, 1025

Midwall Fractional Shortening in Physiologic and Pathologic Left Ventricular Hypertrophy (letter), 792

Prevalence of Left Ventricular Hypertrophy in Patients With Mild Hypertension in Primary Care: Impact of Echocardiography on Cardiovascular Risk Stratification, 556

# Left ventricular hypertrophy and diastolic function in essential hypertension

Influence of Low High-Density Lipoprotein Cholesterol on Left Ventricular Hypertrophy and Diastolic Function in Essential Hypertension, 938

### Left ventricular mass

Age-Associated Changes in Left Ventricular Diastolic Function Are Related to Increasing Left Ventricular Mass, 473

Blunted Nocturnal Fall in Blood Pressure and Left Ventricular Mass in Elderly Individuals With Recently Diagnosed Isolated Systolic Hypertension, 900

Effect of Body Weight Changes on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertension: A 4-Year Follow-Up, 634

Left Ventricular Mass Regression in the LIFE Study: Effect of Previous Antihypertensive Treatment, 180

Relationships Between Ambulatory White Coat Effect and Left Ventricular Mass in Arterial Hypertension, 498

# Lercanidipine

Differential Effects of Lercanidipine and Nifedipine GITS on Plasma Norepinephrine in Chronic Treatment of Hypertension, 596

# Leukocytes

Leukocyte Angiotensin II Levels in Patients With Essential Hypertension: Relation to Insulin Resistance, 129

#### Lipids

Systolic and Diastolic Hypertension: No Relationship With Lipid and Inflammatory Markers in Haute-Garonne, France, 681

#### Lipoic acid

Lipoic Acid Prevents Hypertension, Hyperglycemia, and the Increase in Heart Mitochondrial Superoxide Production, 173

#### Lipoproteins

Effect of Cilazapril With or Without Low Dose Thiazide on LDL Peroxidation in Hypertensive Patients. 734

Influence of Low High-Density Lipoprotein Cholesterol on Left Ventricular Hypertrophy and Diastolic Function in Essential Hypertension, 938

Plasma Carotenoids, Retinol, Tocopherols, and Lipoproteins in Preeclamptic and Normotensive Pregnant Zimbabwean Women, 665

#### Lisinopril

Double-Blind, Placebo-Controlled, Dose-Response Study of the Effectiveness and Safety of Lisinopril for Children With Hypertension, 795

Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

# L-NAME

Effects of Omapatrilat on Blood Pressure and Renal Injury in L-NAME and L-NAME plus DOCAtreated Rats, 33

#### Losartan

Antihypertensive Effects of Two Fixed-Dose Combinations of Losartan and Hydrochlorothiazide versus Hydrochlorothiazide Monotherapy in Subjects With Ambulatory Systolic Hypertension, 1036

DASH Diet Enhances the Blood Pressure Response to Losartan in Hypertensive Patients, 337

Effect of Amlodipine, Quinapril, and Losartan on Pulse Wave Velocity and Plasma Collagen Markers in Patients With Mild-to-Moderate Arterial Hypertension, 439

Effect of Losartan on Oxidative Stress-Induced Hypertension in Sprague-Dawley Rats, 387

#### Low-density lipoprotein

Effect of Cilazapril With or Without Low Dose Thiazide on LDL Peroxidation in Hypertensive Patients, 734

#### LU-135252

Trandolapril and Endothelin Antagonist LU-135252 in the Treatment of the Fructose-Induced

Hypertensive, Hyperinsulinemic, Hypertriglyceridemic Rat, 324

# M

# Magnesium

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

# Magnetic resonance angiography

Diagnosis of Renal Artery Stenosis: Combining Gadolinium-Enhanced Three-Dimensional Magnetic Resonance Angiography With Functional Magnetic Resonance Pulse Sequences, 1079

Likelihood Ratios in the Diagnosis of Renal Artery Stenosis by Magnetic Resonance Angiography Compared With Renal Angiography, 987

# Magnetic resonance imaging

Diagnosis of Renal Artery Stenosis: Combining Gadolinium-Enhanced Three-Dimensional Magnetic Resonance Angiography With Functional Magnetic Resonance Pulse Sequences, 1079

#### Membrane fluidity

Hormone Replacement Therapy Improves Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 502

Membrane fluidity and Hypertension (editorial), 259
Nitric Oxide Is a Determinant of Membrane
Fluidity of Erythrocytes in Postmenopausal
Women: An Electron Paramagnetic Resonance
Investigation, 244

# Mesenteric artery

Calcium Exerts a Larger Regulatory Effect on Potassium<sup>+</sup> Channels in Small Mesenteric Artery Myocytes from Spontaneously Hypertensive Rats Compared to Wistar-Kyoto Rats, 21

# Mesenteric veins

Influence of Dietary Salt Intake on the Response of Isolated Perfused Mesenteric Veins of the Dog to Vasoactive Agents, 6

# Meta-analysis

Meta-analysis of Genome-wide Linkage Scans for Hypertension: The National Heart, Lung and Blood Institute Family Blood Pressure Program, 144

#### Metabolic syndrome

Association Between Microalbuminuria and the Metabolic Syndrome: NHANES III, 952 Recommendations for Special Populations: Diabe

Recommendations for Special Populations: Diabetes Mellitus and the Metabolic Syndrome, 41S

### Mice. See also Rats

Reduction of Pressor Response to Vasoconstrictor Agents by Overexpression of Catalase in Mice,

# Microalbuminuria

Association Between Microalbuminuria and the Metabolic Syndrome: NHANES III, 952

Impact of Abnormal Nocturnal Blood Pressure Fall on Vascular Function, 209

Role of Salt Sensitivity, Blood Pressure, and Hyperinsulinemia in Determining High Upper Normal Levels of Urinary Albumin Excretion in a Healthy Adult Population, 343

#### Microneurography

Magnitude of Sympathetic Hyperactivity in Pregnancy-induced Hypertension and Preeclampsia, 194

### Midwall fractional shortening

Midwall Fractional Shortening in Physiologic and Pathologic Left Ventricular Hypertrophy (letter), 792

#### Mineralocorticoids

Diminished Renal Kallikrein Responses to Mineralocorticoid Stimulation in African Americans: Determinants of an Intermediate Phenotype for Hypertension, 281

#### Monocytes

Agonistic AT<sub>1</sub> Receptor Autoantibodies and Monocyte Stimulation in Hypertensive Patients, 827

# **Myocardial infarction**

Angiotensinogen Met235Thr Polymorphism, Angiotensin Converting Enzyme Inhibitor Therapy, and the Risk of Nonfatal Stroke or Myocardial Infarction in Hypertensive Patients, 1011

Burden of Cardiovascular Disease: Following the Link From Hypertension to Myocardial Infarction and Heart Failure, 4S

# Myocardial oxygen demand

Correlates of Myocardial Oxygen Demand Measured by Positron Emission Tomography in the Hypertrophied Left Ventricle, 240

# Myocytes

Calcium Exerts a Larger Regulatory Effect on Potassium<sup>+</sup> Channels in Small Mesenteric Artery Myocytes from Spontaneously Hypertensive Rats Compared to Wistar-Kyoto Rats, 21

#### N

#### **Nabumetone**

Effects of Nabumetone, Celecoxib, and Ibuprofen on Blood Pressure Control in Hypertensive Patients on Angiotensin Converting Enzyme Inhibitors, 135

#### N-Acetylcysteine

N-Acetylcysteine Improves Nitric Oxide and α-Adrenergic Pathways in Mesenteric Beds of Spontaneously Hypertensive Rats, 577

# Na<sup>+</sup>/Mg<sup>2+</sup> exchanger

Role of the Na<sup>+</sup>/Mg<sup>2+</sup> Exchanger in Hypertension (letter), 95

# National Heart, Lung and Blood Institute Family Blood Pressure Program

Meta-analysis of Genome-wide Linkage Scans for Hypertension: The National Heart, Lung and Blood Institute Family Blood Pressure Program, 144

# National Heart Lung and Blood Institute

NHLBI's Conflict of Interest: Why We Need the Data Quality Act (editorial), 789

#### Nebivolol

Effect of Forced Titration of Nebivolol on Response Rate in Obese Hypertensive Patients (letter), 98

#### Neurotransmitters

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 219A

### Neutral endopeptidase

Effect of Dual Angiotensin Converting Enzyme/ Neutral Endopeptidase Inhibition, Angiotensin Converting Enzyme Inhibition, or AT<sub>1</sub> Antagonism on Coronary Microvasculature in Spontaneously Hypertensive Rats, 931

### Nicotinic acid

Hemodynamic Effects of Nicotinic Acid Infusion in Normotensive and Hypertensive Subjects, 67

# **Nifedipine**

Differential Effects of Lercanidipine and Nifedipine GITS on Plasma Norepinephrine in Chronic Treatment of Hypertension, 596

### **Nisoldipine**

Comparative Efficacy and Safety of Nisoldipine Extended-Release (ER) and Amlodipine (CESNA-III study) in African American Patients With Hypertension, 739

#### Nitric oxide

Alpha-Adducin Polymorphism, Salt Sensitivity, Nitric Oxide Excretion, and Cardiovascular Risk Factors in Normotensive Hispanics, 1018

Altered Insulin-like Growth Factor-1 and Nitric Oxide Sensitivities in Hypertension Contribute to Vascular Hyperplasia, 393

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 72A

Control of Arterial Pressure by Angiotensin II and Nitric Oxide at the Onset of Diabetes, 600

Effect of AT<sub>1</sub> Receptor Blockade on Endothelial Function in Essential Hypertension, 123

Influence of Nitric Oxide on Neurogenic Contraction and Relaxation of the Human Gastroepiploic Artery, 28

Interactions of L-Arginine, Isosorbide Mononitrate,

and Angiotensin II inhibitors on Arterial Pulse Wave. 719

N-Acetylcysteine Improves Nitric Oxide and α-Adrenergic Pathways in Mesenteric Beds of Spontaneously Hypertensive Rats, 577

Nitric Oxide Is a Determinant of Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 244

Peroxynitrite Versus Nitric Oxide in Early Diabetes, 761

Role of Endothelin-1 Induced by Insulin in the Regulation of Vascular Cell Growth, 223

# Nitric oxide synthase

Blood Pressure Response to Hypoxia: Role of Nitric Oxide Synthase, 1043

Effects of Endothelial Nitric Oxide Synthase, α-Adducin, and Other Candidate Gene Polymorphisms on Blood Pressure Response to Hydrochlorothiazide, 834

# **Nondippers**

Blunted Nocturnal Fall in Blood Pressure and Left Ventricular Mass in Elderly Individuals With Recently Diagnosed Isolated Systolic Hypertension, 900

# Norepinephrine

Differential Effects of Lercanidipine and Nifedipine GITS on Plasma Norepinephrine in Chronic Treatment of Hypertension, 596

Influence of Dietary Salt Intake on the Response of Isolated Perfused Mesenteric Veins of the Dog to Vasoactive Agents, 6

### Normotension

Short-term Predictors of Maintenance of Normotension after Withdrawal of Antihypertensive Drugs in the Second Australian National Blood Pressure Study (ANBP2), 39

### Nuclear factor-kB

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

# Nutrition

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 105A

#### O

#### Obesity

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 35A, 224A Effect of Body Weight Changes on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertension: A 4-Year Follow-Up, 634 Effect of Forced Titration of Nebivolol on Response Rate in Obese Hypertensive Patients (letter), 98

Role of Systolic Blood Pressure on the Progression of Kidney Damage in an Experimental Model of Type 2 Diabetes Mellitus, Obesity, and Hypertension (Zucker Rats), 979

Short-term (5-Day) Changes in Food Intake Alter Daily Hemodynamics in Rabbits, 302

### Obstructive sleep apnea

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274

Diastolic Blood Pressure Is the First to Rise in Association With Early Subclinical Obstructive Sleep Apnea: Lessons from Periodic Examination Screening, 236

#### **Omapatrilat**

Effects of Omapatrilat on Blood Pressure and Renal Injury in L-NAME and L-NAME plus DOCAtreated Rats, 33

Role of Systolic Blood Pressure on the Progression of Kidney Damage in an Experimental Model of Type 2 Diabetes Mellitus, Obesity, and Hypertension (Zucker Rats), 979

# Oral glucose tolerance test

Is Fasting Blood Glucose a Reliable Parameter for Screening for Diabetes in Hypertension?, 297

#### Osteoponin

Differential Regulation of Osteoponin Expression in the Clipped and Nonclipped Kidney of Twokidney, One-clip Hypertensive Rats, 214

#### Ouabain-like compound

Digoxin Antibody Prevents Cerebral Hemorrhage-Induced Hypertension, 1062

#### Oxidative stress

Acute Hyperlipidemia Increases Oxidative Stress More in African Americans Than in White Americans, 331

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 7A, 32A

Effect of Losartan on Oxidative Stress-Induced Hypertension in Sprague-Dawley Rats, 387

Lipoic Acid Prevents Hypertension, Hyperglycemia, and the Increase in Heart Mitochondrial Superoxide Production, 173

Oxidative Stress in Hypertensive, Diabetic, and Diabetic Hypertensive Rats, 1049

#### .

# Parkinson's disease

Abnormalities in Blood Pressure Regulation in a Patient With Parkinson's Disease, 612

# Pediatrics. See also Children

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 36A, 236A Gestational Age and Birth Weight in Relation to Aortic Stiffness in Healthy Young Adults: Two Separate Mechanisms?, 76

Spurious Systolic Hypertension of Youth: Fit Young Men With Elastic Arteries, 229

#### Perindopril

Dysphonia Secondary to Perindopril Treatment (letter), 329

### Peroxynitrite

Peroxynitrite Versus Nitric Oxide in Early Diabetes, 761

#### **Pharmacogenetics**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 18A

# Phenylethanolamine N-methyltransferase gene

Association of Polymorphisms in the Promoter Region of the PNMT Gene With Essential Hypertension in African Americans but not in Whites, 859

#### Placenta

Detection of a Receptor for Angiotensinogen on Placental Cells, 59

Placental 11ß-Hydroxysteroid Dehydrogenase in Dahl and Spontaneously Hypertensive Rats, 401

### Plaque

Arterial Compliance: A Diagnostic Marker for Atherosclerotic Plaque Burden?, 356

#### Plasminogen activator inhibitor-1

Association of PAI-1 Gene Promoter 4G/5G Polymorphism With Plasma PAI-1 Activity in Chinese Patients With and Without Hypertension, 290

#### **Polymorphisms**

β-Adducin Polymorphisms, Blood Pressure, and Sodium Excretion in Three European Populations, 840

Alpha-Adducin Polymorphism, Salt Sensitivity, Nitric Oxide Excretion, and Cardiovascular Risk Factors in Normotensive Hispanics, 1018

Association of Polymorphisms in the Promoter Region of the PNMT Gene With Essential Hypertension in African Americans but not in Whites, 859

Effects of Endothelial Nitric Oxide Synthase, α-Adducin, and Other Candidate Gene Polymorphisms on Blood Pressure Response to Hydrochlorothiazide, 834

# Positron emission tomography

Correlates of Myocardial Oxygen Demand Measured by Positron Emission Tomography in the Hypertrophied Left Ventricle, 240

# Postmenopausal women. See also Women

Hormone Replacement Therapy Improves Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 502

Nitric Oxide Is a Determinant of Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 244

Relationship Between Bone Mineral Density and Angiotensin Converting Enzyme Polymorphism in Hypertensive Postmenopausal Women, 233

#### Potassium

Serum Potassium and Stroke Risk Among Treated Hypertensive Adults, 806

#### Potassium channels

Calcium Exerts a Larger Regulatory Effect on Potassium<sup>+</sup> Channels in Small Mesenteric Artery Myocytes from Spontaneously Hypertensive Rats Compared to Wistar-Kyoto Rats, 21

# Preeclampsia. See also Pregnancy-induced hypertension

Differences in Circadian Blood Pressure Variability During Gestation Between Healthy and Complicated Pregnancies, 200

Magnitude of Sympathetic Hyperactivity in Pregnancy-induced Hypertension and Preeclampsia, 194

Plasma Carotenoids, Retinol, Tocopherols, and Lipoproteins in Preeclamptic and Normotensive Pregnant Zimbabwean Women, 665

### Pregnancy

Differences in Circadian Blood Pressure Variability During Gestation Between Healthy and Complicated Pregnancies, 200

Gestational Calcium Supplementation and Blood Pressure in the Offspring, 801

# Pregnancy-induced hypertension. See also Preeclampsia

Expression of Endothelial Angiotensin II Receptor mRNA in Pregnancy-Induced Hypertension, 993

Magnitude of Sympathetic Hyperactivity in Pregnancy-induced Hypertension and Preeclampsia, 194

### **Prematurity**

Gestational Age and Birth Weight in Relation to Aortic Stiffness in Healthy Young Adults: Two Separate Mechanisms?, 76

# Primary aldosteronism

Efficacy of Screening for Primary Aldosteronism by Adrenocortical Scintigraphy Without Discontinuing Antihypertensive Medication, 725

Left Ventricular Changes in Primary Aldosteronism (letter), 96

Urinary Tetrahydroaldosterone as a Screening Method for Primary Aldosteronism: A Comparative Study, 522

# **Primary prevention**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 161A

### Protein kinase C

Eicosapentaenoic Acid Inhibits Ca2+ Mobilization

and PKC Activity in Vascular Smooth Muscle Cells, 708

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

#### Proteinuria

Effect of Efonidipine and ACE Inhibitors on Proteinuria in Human Hypertension With Renal Impairment, 116

### Proto-oncogenes

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

# Public policy

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 162A

# Pulse

Vascular Impact of Aging and Vasoactive Drugs: Comparison of Two Digital Volume Pulse Measurements, 467

#### Pulse contour analysis

Reduced Small Artery But Not Large Artery Elasticity Is an Independent Risk Marker for Cardiovascular Events, 265

# Pulse pressure

Acute Caffeine Intake Influences Central More Than Peripheral Blood Pressure in Young Adults, 919

Heart Rate and Pulse Pressure Amplification in Hypertensive Subjects, 363

### Pulse wave

Interactions of L-Arginine, Isosorbide Mononitrate, and Angiotensin II inhibitors on Arterial Pulse Wave, 719

### Pulse waveform analysis

Acute Caffeine Intake Influences Central More Than Peripheral Blood Pressure in Young Adults, 919

Hemodynamic Effects of Chronic Hemodialysis Therapy Assessed by Pulse Waveform Analysis, 814

# Pulse wave velocity

Effect of Amlodipine, Quinapril, and Losartan on Pulse Wave Velocity and Plasma Collagen Markers in Patients With Mild-to-Moderate Arterial Hypertension, 439

Long-Term Effects of Intensive Blood Pressure Lowering on Arterial Wall Stiffness in Hypertensive Patients, 959

Utility of Automated Brachial Ankle Pulse Wave

Velocity Measurements in Hypertensive Patients, 653

# Q

# Quinapril

Effect of Amlodipine, Quinapril, and Losartan on Pulse Wave Velocity and Plasma Collagen Markers in Patients With Mild-to-Moderate Arterial Hypertension, 439

Effect of Quinapril, Quinapril-Hydrochlorothiazide, and Enalapril on the Bone Mass of Hypertensive Subjects: Relationship With Angiotensin Converting Enzyme Polymorphisms, 453

# R

# Race. See also African Americans

Acute Hyperlipidemia Increases Oxidative Stress More in African Americans Than in White Americans, 331

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 8A

Diminished Renal Kallikrein Responses to Mineralocorticoid Stimulation in African Americans: Determinants of an Intermediate Phenotype for Hypertension, 281

Genome Scan for Hypertension Susceptibility Loci in Populations of Chinese and Japanese Origins, 158

Genome-wide Linkage Analyses for Hypertension Genes in Two Ethnically and Geographically Diverse Populations, 154

Genome-wide Linkage Analysis Investigating the Determinants of Blood Pressure in Whites and African Americans, 151

Hypertension Care and Control in Underserved Urban African American Men: Behavioral and Physiologic Outcomes at 36 Months, 906

Recommendations for the Management of Special Populations: Racial and Ethnic Populations, 50S

### Radial artery

Evaluation of Blood Pressure and Baroreflex Sensitivity by Radial Artery Tonometry Versus Finger Arteriolar Photoplethysmography, 371

# Rats. See also Spontaneously hypertensive rats; Sprague-Dawley rats

Amiloride Reduces Stroke and Renal Injury in Stroke-prone Hypertensive Rats, 312

Association Between Transforming Growth Factor-B and Hypertension, 604

Cellular Mechanisms of Insulin Resistance in Rats With Fructose-Induced Hypertension, 973

Control of Arterial Pressure by Angiotensin II and Nitric Oxide at the Onset of Diabetes, 600 Development of Structural Vascular Changes in Salt-Fed Rats, 488

Differential Regulation of Osteoponin Expression in the Clipped and Nonclipped Kidney of Twokidney, One-clip Hypertensive Rats, 214

Effect of Losartan on Oxidative Stress-Induced Hypertension in Sprague-Dawley Rats, 387

Effect of Taurine and Enalapril on Kidney Function of the Hypertensive Glucose-Intolerant Rat, 673

Effects of Allicin on Weight in Fructose-Induced Hyperinsulinemic, Hyperlipidemic, Hypertensive Rats, 1053

Effects of Omapatrilat on Blood Pressure and Renal Injury in L-NAME and L-NAME plus DOCAtreated Rats, 33

Oxidative Stress in Hypertensive, Diabetic, and Diabetic Hypertensive Rats, 1049

Placental 11B-Hydroxysteroid Dehydrogenase in Dahl and Spontaneously Hypertensive Rats, 401

Protective Effects in Ambulatory Blood Pressure and Centralized Injuries in Hydrocephalic Dahl Rats on High and Low NaCl Diets, 307

Renal Interstitial Ca<sup>2+</sup> During Sodium Loading of Normotensive and Dahl-Salt Hypertensive Rats, 771

Trandolapril and Endothelin Antagonist LU-135252 in the Treatment of the Fructose-Induced Hypertensive, Hyperinsulinemic, Hypertriglyceridemic Rat, 324

Tumor Necrosis Factor Receptor 2 mRNA in Rat Models of Hypertension, 685

#### Renal angiography

Likelihood Ratios in the Diagnosis of Renal Artery Stenosis by Magnetic Resonance Angiography Compared With Renal Angiography, 987

#### Renal artery stenosis

Diagnosis of Renal Artery Stenosis: Combining Gadolinium-Enhanced Three-Dimensional Magnetic Resonance Angiography With Functional Magnetic Resonance Pulse Sequences, 1079

Likelihood Ratios in the Diagnosis of Renal Artery Stenosis by Magnetic Resonance Angiography Compared With Renal Angiography, 987

# Renal perfusion

Angiotensin II AT1 Receptor Blockade Improves Renal Perfusion in Hypercholesterolemia, 111

### Renin

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274

Effectiveness of Furosemide in Uncontrolled Hypertension in the Elderly: Role of Renin Profiling, 187

Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

Secondary Hypertension Due to a Renin-Producing Teratoma, 592

# Renin-angiotensin-aldosterone system

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 163A

Impact of Renin-Angiotensin-Aldosterone System Gene Variants on the Severity of Hypertension in Patients With Newly Diagnosed Hypertension, 1006

### Renin-angiotensin system

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 1A

Are There Benefits to Specific Antihypertensive Drug Therapy?, 31S

Control of Arterial Pressure by Angiotensin II and Nitric Oxide at the Onset of Diabetes, 600

Detection of a Receptor for Angiotensinogen on Placental Cells, 59

Factors Influencing Arterial Stiffness in Systolic Hypertension in the Elderly: Role of Sodium and the Renin-Angiotensin System, 249

Is it Time to Move to Multidrug Combinations?, 36S

Renal Renin-Angiotensin System Activity in Naturally Reared and Cross-Fostered Spontaneously Hypertensive Rats, 864

# Renovascular hypertension

Differential Regulation of Osteoponin Expression in the Clipped and Nonclipped Kidney of Twokidney, One-clip Hypertensive Rats, 214

# Resistant hypertension

Efficacy of Low-Dose Spironolactone in Subjects With Resistant Hypertension, 925

### Retinol

Plasma Carotenoids, Retinol, Tocopherols, and Lipoproteins in Preeclamptic and Normotensive Pregnant Zimbabwean Women, 665

### Risk factors

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 3A, 242A

Endothelial Damage and Angiogenesis in Hypertensive Patients: Relationship to Cardiovascular Risk Factors and Risk Factor Management, 11

High Sensitivity C-Reactive Protein as an Independent Risk Factor for Essential Hypertension, 429

# Risk stratification

Improved Cardiovascular Risk Stratification by a Simple ECG Index in Hypertension, 646

Prevalence of Left Ventricular Hypertrophy in Patients With Mild Hypertension in Primary Care: Impact of Echocardiography on Cardiovascular Risk Stratification, 556

# Rosiglitazone

Treatment With Rosiglitazone Reduces

Hyperinsulinemia and Improves Arterial Elasticity in Patients With Type 2 Diabetes Mellitus, 617

# S

# Salt

Influence of Dietary Salt Intake on the Response of Isolated Perfused Mesenteric Veins of the Dog to Vasoactive Agents, 6

#### Salt sensitivity

Alpha-Adducin Polymorphism, Salt Sensitivity, Nitric Oxide Excretion, and Cardiovascular Risk Factors in Normotensive Hispanics, 1018

No Evidence of a Relation Between 11ß-Hydroxysteroid Dehydrogenase Type 2 Activity and Salt Sensitivity, 729

Reduced Vagal Activity in Salt-Sensitive Subjects During Mental Challenge, 531

Role of Salt Sensitivity, Blood Pressure, and Hyperinsulinemia in Determining High Upper Normal Levels of Urinary Albumin Excretion in a Healthy Adult Population, 343

# Screening

Is Fasting Blood Glucose a Reliable Parameter for Screening for Diabetes in Hypertension?, 297

Urinary Tetrahydroaldosterone as a Screening Method for Primary Aldosteronism: A Comparative Study, 522

# Secondary hypertension

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 252A

Secondary Hypertension Due to a Renin-Producing Teratoma, 592

### Sildenafil

Vascular Effects of Sildenafil in Hypertensive Cardiac Transplant Recipients, 874

#### Sinoaortic denervation

Comparative Study of Sinoaortic Denervated Rats and Spontaneously Hypertensive Rats, 585

#### Societies

When Can the Practicing Physician Suspect White Coat Hypertension? Statement from the Working Group on Blood Pressure Monitoring of The European Society of Hypertension (editorial), 87

#### Sodium

B-Adducin Polymorphisms, Blood Pressure, and Sodium Excretion in Three European Populations, 840

DASH-Sodium Trial: Where Are the Data? (editorial), 92

Development of Structural Vascular Changes in Salt-Fed Rats, 488

Disruption of the Type 2 Dopamine Receptor Gene Causes a Sodium-Dependent Increase in Blood Pressure in Mice, 853 Experimental Evidence for Blood Pressure-Independent Vascular Effects of High Sodium Diet. 1074

Factors Influencing Arterial Stiffness in Systolic Hypertension in the Elderly: Role of Sodium and the Renin-Angiotensin System, 249

Prevention of High Salt Diet-Induced Cardiac Hypertrophy and Fibrosis by Spironolactone, 319

Protective Effects in Ambulatory Blood Pressure and Centralized Injuries in Hydrocephalic Dahl Rats on High and Low NaCl Diets, 307

Relevance of the Plasma Renin Hormonal Control System That Regulates Blood Pressure and Sodium Balance for Correctly Treating Hypertension and for Evaluating ALLHAT (editorial), 407

Sodium and Blood Pressure: No Data Dredging, Please! (editorial), 614

#### Sodium channels

Amiloride Reduces Stroke and Renal Injury in Stroke-prone Hypertensive Rats, 312

T594M Variant of the Epithelial Sodium Channel β-Subunit Gene and Hypertension in Individuals of African Ancestry in South Africa, 847

# Spironolactone

Efficacy of Low-Dose Spironolactone in Subjects With Resistant Hypertension, 925

Prevention of High Salt Diet-Induced Cardiac Hypertrophy and Fibrosis by Spironolactone, 319

# Spontaneously hypertensive rats. See also Rats

Calcium Exerts a Larger Regulatory Effect on Potassium<sup>+</sup> Channels in Small Mesenteric Artery Myocytes from Spontaneously Hypertensive Rats Compared to Wistar-Kyoto Rats, 21

Comparative Study of Sinoaortic Denervated Rats and Spontaneously Hypertensive Rats, 585

Effect of Dual Angiotensin Converting Enzyme/
Neutral Endopeptidase Inhibition, Angiotensin
Converting Enzyme Inhibition, or AT<sub>1</sub>
Antagonism on Coronary Microvasculature in
Spontaneously Hypertensive Rats, 931

Effects of Exercise and B-Blocker on Blood Pressure and Baroreflexes in Spontaneously Hypertensive Rats, 966

N-Acetylcysteine Improves Nitric Oxide and α-Adrenergic Pathways in Mesenteric Beds of Spontaneously Hypertensive Rats, 577

Placental 11ß-Hydroxysteroid Dehydrogenase in Dahl and Spontaneously Hypertensive Rats, 401

Renal Renin-Angiotensin System Activity in Naturally Reared and Cross-Fostered Spontaneously Hypertensive Rats, 864

Tumor Necrosis Factor Receptor 2 mRNA in Rat Models of Hypertension, 685

# Sprague-Dawley rats

Effect of Losartan on Oxidative Stress-Induced Hypertension in Sprague-Dawley Rats, 387

# Spurious systolic hypertension

Spurious Systolic Hypertension of Youth: Fit Young Men With Elastic Arteries, 229

# **Squatting**

Squatting: The Hemodynamic Change Is Induced by Enhanced Aortic Wave Reflection (letter), 426

# Stress

Reduced Vagal Activity in Salt-Sensitive Subjects During Mental Challenge, 531

# Stroke

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 67A

Amiloride Reduces Stroke and Renal Injury in Stroke-prone Hypertensive Rats, 312

Angiotensinogen Met235Thr Polymorphism, Angiotensin Converting Enzyme Inhibitor Therapy, and the Risk of Nonfatal Stroke or Myocardial Infarction in Hypertensive Patients, 1011

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

Serum Potassium and Stroke Risk Among Treated Hypertensive Adults, 806

### Sympathetic nervous system

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 21A

Elevation of Sympathetic Activity by Eprosartan in Young Male Subjects, 658

Magnitude of Sympathetic Hyperactivity in Pregnancy-induced Hypertension and Preeclampsia, 194

Neurogenic Essential Hypertension Revisited: The Case for Increased Clinical and Research Attention, 881

#### Systemic vascular resistance

Ethnic Differences in the Hemodynamic Mechanisms of Ambulatory Blood Pressure Regulation, 270

#### Systolic blood pressure

Role of Systolic Blood Pressure on the Progression of Kidney Damage in an Experimental Model of Type 2 Diabetes Mellitus, Obesity, and Hypertension (Zucker Rats), 979

Systolic and Diastolic Hypertension: No Relationship With Lipid and Inflammatory Markers in Haute-Garonne, France, 681

Systolic Blood Pressure Is the Main Etiology for Poorly Controlled Hypertension, 140

### Systolic dysfunction

From Hypertension to Heart Failure: Update on the

Management of Systolic and Diastolic Dysfunction, 18S

# Systolic hypertension

Factors Influencing Arterial Stiffness in Systolic Hypertension in the Elderly: Role of Sodium and the Renin-Angiotensin System, 249 Spurious Systolic Hypertension of Youth: Fit

Young Men With Elastic Arteries, 229

# Т

#### Taurine

Effect of Taurine and Enalapril on Kidney Function of the Hypertensive Glucose-Intolerant Rat, 673

# **Telmisartan**

Defining the Antihypertensive Properties of the Angiotensin Receptor Blocker Telmisartan by a Practice-based Clinical Trial, 460

#### **Teratoma**

Secondary Hypertension Due to a Renin-Producing Teratoma, 592

# Tetrahydroaldosterone

Urinary Tetrahydroaldosterone as a Screening Method for Primary Aldosteronism: A Comparative Study, 522

# Thiazide diuretics

Effect of Cilazapril With or Without Low Dose Thiazide on LDL Peroxidation in Hypertensive Patients, 734

# **Thrombosis**

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 69A

#### **Tocopherols**

Plasma Carotenoids, Retinol, Tocopherols, and Lipoproteins in Preeclamptic and Normotensive Pregnant Zimbabwean Women, 665

# Tonometry

Evaluation of Blood Pressure and Baroreflex Sensitivity by Radial Artery Tonometry Versus Finger Arteriolar Photoplethysmography, 371

# Trandolapril

Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381

Trandolapril and Endothelin Antagonist LU-135252 in the Treatment of the Fructose-Induced Hypertensive, Hyperinsulinemic, Hypertriglyceridemic Rat, 324

# Transforming growth factor-B

Association Between Transforming Growth Factor-B and Hypertension, 604

# Transplantation

Vascular Effects of Sildenafil in Hypertensive Cardiac Transplant Recipients, 874

# Tumor necrosis factor receptor 2

Tumor Necrosis Factor Receptor 2 mRNA in Rat Models of Hypertension, 685

# 24-hour ambulatory blood pressure

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274 Effect of Body Weight Changes on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertension: A 4-Year Follow-Up, 634

# V

# Vagal activity

Reduced Vagal Activity in Salt-Sensitive Subjects During Mental Challenge, 531

#### Valsartan

Direct Comparison of the Effects of Valsartan and Amlodipine on Renal Hemodynamics in Human Essential Hypertension, 1030

VALUE Trial: Long-Term Blood Pressure Trends in 13,449 Patients With Hypertension and High Cardiovascular Risk, 544

# Vascular endothelial growth factor

Endothelial Damage and Angiogenesis in Hypertensive Patients: Relationship to Cardiovascular Risk Factors and Risk Factor Management, 11

# Vascular hyperplasia

Altered Insulin-like Growth Factor-1 and Nitric Oxide Sensitivities in Hypertension Contribute to Vascular Hyperplasia, 393

# Vascular injury

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 257A

# Vascular smooth muscle cells

Altered Insulin-like Growth Factor-1 and Nitric Oxide Sensitivities in Hypertension Contribute to Vascular Hyperplasia, 393

Eicosapentaenoic Acid Inhibits Ca<sup>2+</sup> Mobilization and PKC Activity in Vascular Smooth Muscle Cells, 708

Expression of Endothelial Angiotensin II Receptor mRNA in Pregnancy-Induced Hypertension, 903

Expression of the Nuclear Factor-κB and Protooncogenes c-Fos and c-Jun Are Induced by Low Extracellular Mg<sup>2+</sup> in Aortic and Cerebral Vascular Smooth Muscle Cells: Possible Links to Hypertension, Atherogenesis, and Stroke, 701

Role of Endothelin-1 Induced by Insulin in the Regulation of Vascular Cell Growth, 223

### Vascular structure

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 4A

# Vasoactive drugs

Vascular Impact of Aging and Vasoactive Drugs: Comparison of Two Digital Volume Pulse Measurements, 467

#### Vasoactive hormones

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274 American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 22A, 169A

#### Vasoconstriction

Volume Expansion Enhances Plasma Endothelin-1, 1057

#### Vasopressin

Abnormal Vasoactive Hormones and 24-Hour Blood Pressure in Obstructive Sleep apnea, 274

#### Verapamil SR

Antihypertensive Therapy With Verapamil SR Plus Trandolapril Versus Atenolol Plus Chlorthalidone on Glycemic Control, 381

# Vitamin K,

New Model of Isolated Systolic Hypertension Induced by Chronic Warfarin and Vitamin K<sub>1</sub> Treatment, 103

#### von Willebrand factor

Endothelial Damage and Angiogenesis in Hypertensive Patients: Relationship to Cardiovascular Risk Factors and Risk Factor Management, 11

# W

# Warfarin

New Model of Isolated Systolic Hypertension Induced by Chronic Warfarin and Vitamin K<sub>1</sub> Treatment, 103

# White coat hypertension

Endothelial Dysfunction in Sustained and White Coat Hypertension (letter), 892

Relationships Between Ambulatory White Coat Effect and Left Ventricular Mass in Arterial Hypertension, 498

Use of an Automated Blood Pressure Recording Device, the BpTRU, to Reduce the "White Coat Effect" in Routine Practice, 494

When Can the Practicing Physician Suspect White

Coat Hypertension? Statement from the Working Group on Blood Pressure Monitoring of The European Society of Hypertension (editorial). 87

# Wistar-Kyoto rats

Calcium Exerts a Larger Regulatory Effect on Potassium<sup>+</sup> Channels in Small Mesenteric Artery Myocytes from Spontaneously Hypertensive Rats Compared to Wistar-Kyoto Rats, 21

### Women

American Journal of Hypertension Eighth Annual Scientific Meeting abstracts, 260A

Heart Rate and Pulse Pressure Amplification in Hypertensive Subjects, 363

Hormone Replacement Therapy Improves Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 502

Nitric Oxide Is a Determinant of Membrane Fluidity of Erythrocytes in Postmenopausal Women: An Electron Paramagnetic Resonance Investigation, 244

Plasma Carotenoids, Retinol, Tocopherols, and Lipoproteins in Preeclamptic and Normotensive Pregnant Zimbabwean Women, 665

Regulatory Mechanisms Underlying Decreased Bone Mineral Density in Women With Essential Hypertension (letter), 893

Relationship Between Bone Mineral Density and Angiotensin Converting Enzyme Polymorphism in Hypertensive Postmenopausal Women, 233

# Y

### Youth

Pseudo Hypertension of Youth: Too Much of a Good Thing? (editorial), 262 Spurious Systolic Hypertension of Youth: Fit Young Men With Elastic Arteries, 229

# **Author Index**

# A

Abdelhamid, S., 522 Abdel-Sayed, S., 515, 1057 Abukhalaf, I. K., 387 Adamczak, M., 72 Aggarwal, R., 874 Agrawal, R., 98 Aguilar, M. F., 200 Akinboboye, O. O., 240 Alam, M. G., 140 Albaladejo, P., 363 Albert, K. S., 51 Alderman, M. H., 512 Alexandrou, M.-E. K., Alfieri, A. B., 1018 Alimo, A., 473 Alinder, C., 265 Alonso, I., 200 Alter, A., 484 Altura, B. M., 701 Altura, B. T., 701 Ambrosio, G., 646 Anderson, A., 46 Andronico, G., 498 Angeli, F., 646, 895 Anson, O., 818 Antic, V., 302 Antón, J. L., 556 Aponte, L. M., 343 Appel, L. J., 337, 614 Aranda, J. M. Jr., 874 Arias-Vera, J. R., 612 Armada, E., 556 Arnett, D. K., 148, 945 Ashton, N., 864 Asmar, R., 375 Attallah, N., 987 Atucha, N. M., 33 Aubert, J.-F., 515 Aurigemma, G. P., 180 Avramides, D., 1000 Ayala, D. E., 200

#### R

Aydin, S., 892

Badenhorst, D., 847, 1006 Bakris, G. L., 7S, 460 Baldwin, C. T., 859 Bansal, N., 878 Barbieri, M., 537 Barin, E. S., 719 Barri, Y. M., 140 Bartels, M. N., 371 Barton, C. H., 1043 Basile, J. N., 13S Baylis, C., 761 Bayorh, M. A., 387 Beck, K., 381 Beevers, D. G., 11, 870 Belgore, F. M., 11 Benemio, G., 646 Benetos, A., 249 Beniashvili, M., 715 Bentivoglio, M., 646 Bergmann, S. R., 240 Bianchi, G., 840 Bis, J. C., 1011 Blacher, J., 363 Black, H. R., 4S Blake, M. J., 746 Blann, A. D., 11 Blomer, R., 522 Blumenthal, R. S., 906 Bochnig, N., 827 Boerwinkle, E., 144, 154, 834 Bohannon, A., 337 Boman, K., 180 Bonafè, M., 537 Bone, L. R., 906 Bongard, V., 681 Borgioni, C., 646, 895 Bos, W.-J. W., 76 Bots, M. L., 76, 549 Botstein, D., 158 Brakch, N., 515 Brands, M. W., 600 Bratteli, C., 265 Bray, G. A., 614 Brazill, B. J., 508 Brooksbank, R., 1006 Brown, A., 154 Brunner, H., 515, 544, 1057 Bryner, K. D., 761 Buchholz, K., 531 Budoff, M. J., 350 Bukoski, R. D., 771 Bur, A., 297

# C

Calhoun, D. A., 925 Calvo-Vargas, C., 375 Cambou, J.-P., 681 Campbell, N., 698 Candy, G. P., 1006 Carluccio, E., 646 Carnethon, M., 952 Casiglia, E., 840 Castejon, A. M., 1018 Catena, C., 973 Cavarape, A., 973 Célérier, J., 478 Cerasola, G., 498 Cerda, A. P., 375 Cesari, M., 97 Chade, A. R., 111 Chakravarti, A., 151 Chander, P. N., 312 Chang, M.-S., 158 Chaoui, R., 827 Chapman, A. B., 834 Chayama, K., 853 Chazaro, I., 859 Chen, X.-L., 1 Chen, Y.-D. I., 158 Chen, Y.-T., 158 Chiarotti, F., 900 Cho, Y.-S., 564 Choi, Y.-S., 564 Chorney, N., 236 Chornia, L., 484 Chou, R.-L., 240 Chowienczyk, P. J., 467 Chuang, L.-M., 158 Chudek, J., 72 Chulak, C., 577 Cicconetti, P., 900 Ciotti, V., 900 Cloud, L. J., 600 Cockroft, J. R., 262 Cohn, J. N., 265 Cokkinos, D. V., 209, 1000 Colussi, G., 973 Conlin, P. R., 337, 614 Cooper, R. S., 144, 151 Corradi, L., 596 Corsi, A. M., 537 Cossrow, N., 767 Costarella, M., 900 Coste, S., 801 Cottone, S., 498 Cox, D. R., 144, 158 Cox, R. H., 21 Cubeddu, L. X., 343, 1018 Cui, J., 859

Curb, D., 158 Curgunlu, A., 892 Cushman, W. C., 31S

#### D

Dagan, Y., 236 Dahlöf, B., 180 Dancy, M., 473 Dao, H. H., 03 Davidai, G., 460 de Champlain, J., 173, 577 Delles, C., 1030 Del Moral, R. G., 33 De Marzio, P., 900 De Meersman, R. E., 371 Denk, S., 356 Dennison, C. R., 906 Derhaschnig, U., 297 Derosa, G., 596 Deschepper, C. F., 570 De Serra, C., 900 de Simone, G., 895 De Sio, M., 634 DeStefano, A. L., 859 Deter, H. C., 531 Devereux, R. B., 180, 895, 945 Dhandayuthapani, A., 67 Diaz. C., 233, 453 Dichtchekenian, V., 1062 Dicker, D., 484 Dietz, N. J., 21 Dinavahi, R., 767 Dong, S.-J., 792 Dörffel, W., 827 Dörffel, Y., 827 Downey, J. A., 371 Drinkhill, M. J., 6 Drouin, D., 698 Dueñas, A., 233, 453 Dulloo, A., 302 Düsing, R., 445 Dzau, V., 158

# E

Eames, P. J., 746 Eatman, D., 387 Eberhardt, W., 214 Eckfeldt, J. H., 148 Edwards, D. G., 874 Edwards, K. L., 1011 Efstathios, T., 914
Egan, B. M., 67, 331
Ekman, S., 544
Elimadi, A., 173
Elkayam, A., 1053
Ellison, R. C., 148
Erdine, S., 892
Erlinger, T. P., 337
Erturk, N. T., 892
Escudero, P., 233, 453
Essalihi, R., 03
Estrada, J., 874

# F

Fagard, R. H., 604 Falkner, B., 767 Federico, M. R., 498 Feely, J., 229 Feldman, R., 698 Felmeden, D. C., 11 Ferdinand, K. C., 50S, 739 Fernández, J. R., 200 Ferrara, D., 498 Ferrell, R. E., 154 Ferrières, J., 681 Ferrucci, L., 537 Fiegel, P., 522 Fierlbeck, W., 214 Finkelstein, S. M., 265 Flavin, S., 135 Flor, Blas, 28 Flores, F., 350 Flynn, J. T., 889 Fogari, R., 596 Fortmann, S. P., 952 Franceschi, C., 537 Frandsen, E., 729 Frandsen, T., 350 Franklin, S. S., 870 Freiman, A., 715 Friedman, J., 1049 Fukuchi, K., 725 Fukuda, N., 129 Funahashi, T., 72

# G

Gabrielian, A., 708 Gadegbecku, C. A., 67 Gadegbeku, C. A., 814 Gallo, J., 556 Gana, T. J., 51 Ganafa, A. A., 387 Garcia, R. S., 343 Garcia-Estañ, J., 33 García-Robles, R., 979 Gattobigio, R., 646, 895 Gatzov, P., 1000 Gauer, S., 214 Gavish, B., 484 Gavish, D., 715 Gavish, E., 617 Gavras, H., 859, 1000 Gavras, I., 1000 Geiger, H., 214 Gemelli, F., 634 Gennimata, V., 777 Gerdts, E., 180 Giacchetti, G., 973 Giles, T. D., 25S, 26S, 460 Gilfillan, K. L., 719 Giovagnetti, S., 537 Girouard, H., 577 Glasser, S. P., 51, 265 Glogar, D., 356 Gohlke, P., 445, 515 Goldstein, I. B., 640 Goldstein, M. K., 508 Gómez, O., 979 Gong, M. C., 570 González-Albarrán, O., 979 Goodfriend, T. L., 331 Gorissen, W. H. M., 76, 549 Gottsauner-Wolf, M., 356 Goudsmit, J., 919 Gouldsborough, I., 864 Grassi, G., 1066 Greenwood, J. P., 194 Grev, E., 265 Grobbee, D. E., 76, 549 Groop, L., 729 Grotto, I., 236 Guo, Z.-M., 1, 570 Gupta, R. K., 701 Guthrie, D., 640 Gutierrez, A., 987

# H

Haack, D., 522 Haddad, P. S., 173 Haig, A., 135 Hainsworth, R., 6 Han, H.-R., 906 Handrock, R., 123, 1030 Hansson, L., 544 Harrison-Hohner, J., 801 Hartner, A., 214 Hashimoto, T., 434 Hatton, D. C., 801 Hausberg, M., 96 Hauser, I. A., 214 Hayashi, K., 116 Hayashi, M., 959 He, C.-T., 623 Hebert, J., 158 Heckbert, S. R., 806, 1011 Heiss, G., 148 Herberg, M., 827 Herkner, H., 297 Hermida, R. C., 200 Hernández, G., 233, 453 Heusser, K., 658 Higaki, J., 223 Hill, J. A., 874 Hill, M. N., 906 Hinds, D., 158 Hiramori, K., 1025 Hirata, K., 63 Hirota, N., 959 Hirschl, M. M., 297 Hobbs, G. R., 761 Hoeldtke, R. D., 761 Hoffmann, I. S., 343, 1018 Holzgreve, H., 381 Hommel, G., 522 Homuth, V., 827 Hopkins, P. N., 945 Hori, M. T., 708 Horio, T., 725, 938 Horiuchi, M., 993 Hoshide, S., 434 Hoshide, Y., 434 Hsieh, A.-T., 623 Hsieh, C.-H., 623 Hsiung, C. A., 158 Hughes, J. W., 270 Hulthén, U. L., 729 Hung, Y.-J., 623 Hunt, S. C., 144, 148 Hussein, O., 734 Hutchinson, R., 154

# 1

Ichihara, A., 959 Igea, R., 233, 453 Iglesias, M., 200 Iguchi, T., 754 Illyes, G., 488 Imai, M., 223 Inenaga, T., 725 Ishikawa-Takata, K., 629 Ito, M., 993 Ito, N., 653 Itokawa, M., 754 Iwai, M., 993 Izumi, Y., 129

#### -

Jacobi, J., 123 Jaeckel, M., 488 Janka, H. U., 381 Jeng, J.-R., 290 Jenkins, L., 665 Jepson, E., 473 Jian, T., 129 John, S., 123 Julius, S., 544 Justo, I., 233, 453

# K

Kaesemeyer, W. H., 719 Kagan, T., 1049 Kailasam, M. T., 281 Kaiser, S. J., 59 Kallikazaros, I., 914 Kambe, M., 853 Kamide, K., 223, 725, 938 Kanazawa, M., 966 Kang, J. H., 429 Kanmatsuse, K., 129 Kaplan, R. C., 806 Kardia, S. L. R., 144, 154 Kario, K., 434 Karpanou, E. A., 209 Karter, Y., 892 Katagiri, T., 754 Kataoka, H., 966 Katsuki, M., 853 Kawano, Y., 725, 938 Kawecka-Jaszcz, K., 439, 840 Kelly, R. P., 467 Khorsand, A., 356 Kida, I., 223 Kim, B. S., 429 Kim, H., 429 Kim, H.-K., 564 Kim, M. T., 906 Kim, S. W., 429 Kim, Y.-J., 564 Kimura, K., 244 King, I. B., 665 Kinoshita-Shimamoto, Y., 244, 502 Kitzman, D. W., 945 Kjeldsen, S. E., 544

Klingbeil, A. U., 123, 1030 Klisters, K., 96 Klocek, M., 439 Knill, A. J. P., 6 Kohzuki, M., 966 Kokot, F., 72 Kosch, M., 96 Kostellow, A. B., 701 Kostis, J. B., 18S Kotsis, V. T., 777 Koura, Y., 959 Krum, H., 39 Krumme, B., 522 Krushkal, J., 154 Kumagai, H., 116 Kunes, J., 401 Kunii, O., 434 Kuo, S.-W., 623 Kurosawa, H., 966 Kushner, H., 767 Kutlu, A. O., 892 Kuznetsova, T., 840

# L

Lacourcière, Y., 1036 Lal, A., 319 Lalouel, J.-M., 163 Laragh, J. H., 407, 544 Larouche, I., 931 Lasaridis, A. N., 689 Laszt, A., 484 Laurent, P., 363 Lauretani, F., 537 Lee, J. Y., 307 Lee, M. H., 429 Lee, M.-M., 564 Lee. S., 508 Leenen, F. H. H., 319 Leibovitz, E., 715 Leibovitz, Z., 617 Lejossec, M., 577 Lemaitre, R. N., 806, 1011 Leppert, M., 945 Leppert, M. F., 148 Lerman, A., 111 Lerman, L. O., 111 Levine, D. M., 906 Levine, S., 312 Lewicka, S., 522 Lewis, E. J., 100 Lewis, S., 151 Li, W., 701 Lian, W.-C., 623 Libhaber, E., 847, 1006 Lijnen, P. J., 604 Lin, R. C. Y., 685 Lind, P., 274 Lindgren, B. R., 265 Lindop, G. B. M., 864 Lip, G. Y. H., 11 Lluch, S., 28 Longstreth W. T. Jr., 806 Lopes, H. F., 331 Lopez, J., 508 Lottermoser, K., 445 Lozinskaya, I., 21 Luke, A., 151 Lumley, T., 1011 Lupattelli, G., 634 Lynn, A., 151

# М

Mabuchi, Y., 502 Macchi, C., 537 MacDonald, B., 135 Mahmud, A., 229 Mahomed, K., 665 Malakos, J., 1000 Mancia, G., 1066 Mann, S. J., 881 Mannarino, E., 634 Manolis, A. J., 859, 1000 Mansmann, U., 98 Mansoor, G. A., 612, 878 Marigliano, V., 900 Marinakis, A. G., 209 Marques-Vidal, P., 681 Martín-Escudero, J. C., 233 Martinez, J. A., 281 Martinez, M. A., 556 Martínez-León, J. B., 28 Martín-Luquero, M., 453 Marwick, J., 919 Mary, D. A. S. G., 194 Matalka, M. S., 508 Matas, D., 617 Matsubara, K., 993 Matsukawa, N., 223 Matsuzawa, Y., 72 Maxwell, S. R. J., 919 Mazancova, K., 401 McCarron, D., 801 McCarron, D. A., 92, 789 McEniery, C. M., 262 McFetridge, J., 270 McInnes, G., 544 McNeil, J. J., 39 McNeill, D. R., 761 Medina, Pascual, 28

Meier, J., 508 Melander, O., 729 Meltzer, J. I., 416 Menezes, J. C., 1062 Messerli, F. H., 870 Meza-Flores, A., 375 Miao, C.-Y., 585 Michaelides, A. P., 209 Michelis, M. F., 187 Midaoui, A. E., 173 Miksik, I., 401 Millasseau, S. C., 467 Miller, E. R. III, 337 Miller, K., 795 Minami, N., 966 Mindlin, R., 484 Mirelman, D., 1053 Miron, T., 1053 Mitsibounas, D. N., 777 Miyata, N., 673 Miyazato, J., 938 Mockrin, S. C., 148 Mojón, A., 200 MØller, D. S., 274 Montani, J.-P., 302 Moore, T. J., 337, 614 Moreau, P., 03 Morelli, S., 900 Morgan, T. O., 46 Mori, N., 966 Morrill, G. A., 701 Morris, B. J., 685 Morrow, J. D., 331 Mozaffari, M. S., 673 Mugellini, A., 596 Mulè, G., 498 Munakata, M., 653 Musial, J., 987 Myers, J., 393 Myers, M. G., 87, 494

Medina-Suniaga, H., 343

# N

Nagai, M., 223
Nagano, M., 1025
Nagasaka, M., 966
Nakagawa, Y., 754
Nakahama, H., 725
Nakamura, S., 725
Nakayama, M., 129, 1025
Nakayama, T., 129
Nakov, R., 381
Nardi, E., 498
Nelson, M. R., 39
Neutel, J. M., 51
Ni, Z., 1043

Nichols, W. W., 874
Nieminen, M. S., 180
Nikitin, Y., 840
Nishio, I., 244, 259, 502
Nishizaka, M. K., 925
Nkeh, B., 847, 1006
Nolan, B. P., 393
Norton, G. R., 847, 1006
Noveck, R. J., 739
Novello, M., 973
Nuñez-Bogesits, R., 343
Nunokawa, T., 653
Nussberger, J., 515, 1057
Nyby, M. D., 708

# 0

Oberman, A., 148, 945 O'Brien, E., 87 Ochi, H., 993 O'Connor, D. T., 281 Ogihara, T., 223 Ohta, T., 629 Ojima, T., 434 Oliver, J., 556 Olivieri, F., 537 Olshen, R., 158 Oren, A., 76, 549 Ormsby, B., 708 Oron-Herman, M., 1053 O'Rourke, M. F., 63, 426 Oruene, A., 312 Oshima, T., 853 Osuna, A., 33 Ottaviani, L., 900 O'Valle, F., 33 Ozono, R., 853 Ozturk, E., 892

#### P

Pacha, J., 401
Padilla-Rios, V., 375
Palaniappan, L., 952
Palatini, P., 87
Palau, J., 556
Palmer, C. E., 771
Palmer, R., 135
Palmieri, V., 180
Pan, N., 59
Panagopoulos, G., 187
Panerai, R. B., 746
Paolisso, G., 537
Papademetriou, V., 1S, 180
Papamichail, C. M., 777
Paran, E., 818

Parasuraman, R., 987 Parati, G., 87 Park, J. R., 429 Park, Y.-B., 564 Parmer, R. J., 281 Pasqualini, L., 634 Patston, P. A., 478 Pauly, D. F., 874 Pedersen, E. B., 274 Peiro, Marta, 28 Peleg, E., 1049, 1053 Pérez-Castrillón, J. L., 453 Pérez-Castrillón, J. L. P., 233 Pesich, R., 158 Pessina, A. C., 97 Petrocheilou-Paschou, V. D., 777 Petrov, V. V., 604 Piazza, G., 498 Pichler, P., 356 Pickering, T. G., 87, 870 Pirro, M., 634 Pischon, T., 98 Pitiriga, V. C., 777 Platt, F., 544 Poirier, L., 1036 Polo, E., 556 Pool, J. L., 36S Porcellati, C., 634, 646, 895 Post, W. S., 906 Potter, J. F., 746 Preti, P., 596 Priluck, R., 484 Prince, M. R., 1079 Province, M. A., 144, 148, 945 Pruss, A., 827 Psaty, B. M., 806, 1011 Pu, Q., 931

# Q

Quinlan, P. M., 592

Puevo, C., 233, 453

Pursell, R. N., 592

Puig, J. C., 556

# R

Raasch, W., 658 Rabinkov, A., 1053 Radan, A., 734 Raij, L., 46S Rajzer, M., 439 Rakugi, H., 223 Ramaha, A., 478 Ranade, K., 144, 158 Randall, D. C., 570 Rao, D. C., 144, 148 Rathinavelu, A., 1018 Re. R. N., 426 Reboldi, G., 646 Reichek, N., 240 Reid, C. M., 39 Reller, M., 801 Resnick, L. M., 421, 1079 Reuven, V., 734 Reuveni, H., 818 Richardson, A., 1 Rinaldi, A., 596 Rippentrop, S. J., 111 Risch, N., 144, 158 Ritter, J. M., 467 Roa, M., 343 Roary, M. C., 906 Rodriguez-Gomez, I., 33 Rodriguez-Porcel, M., 111 Rosendaal, F. R., 1011 Rosenfeld, L., 312 Rosenthal, T., 1049, 1053 Rossi, G. P., 97 Rozek, L. S., 154 Rubio, J. M., 556 Rudd, M. A., 771 Rudnichi, A., 363 Ruidavets, J.-B., 681 Ruiz, E., 979

#### 5

Ryan, P., 39

Sacks, F. M., 614 Saenz, I., 556 Safar, M. E., 76, 249, 363 Salmasi, A.-M., 473 Samani, N. J., 167, 847, 1006 Sancho, T., 556 Sanz, A., 233, 453 Sarafidis, P. A., 689 Sareli, P., 847, 1006 Saruta, T., 116, 781, 959 Sato, A., 781 Satoh, C., 129 Satou, K., 1025 Saunders, E., 739 Schächinger, H., 531 Schaffer, S. W., 673 Schiffrin, E. L., 931 Schillaci, G., 634

Schneider, M. P., 123, 1030 Schobel, H. P., 658 Schoenberg, S. O., 1079 Schofield, R. S., 874 Scholze, J., 827 Schork, A. M., 544 Schork, N. J., 151 Schuler, B. T., 874 Schwander, K., 148 Schwartz, G. L., 834 Schyvens, C. G., 685 Scope, A., 236 Scott, E. M., 194 Sealey, J. E., 407 Sechi, L. A., 973 Segarra, Gloria, 28 Seguido, P., 556 Senechal, P., 393 Sepehrdad, R., 312 Seravalle, G., 1066 Sgreccia, A., 900 Shahinfar, S., 795 Shapira, I., 484 Shapiro, D., 640 Sharabi, Y., 236 Shargorodsky, M., 617, 715 Sharma, A. M., 98, 531 Sherwood, A., 270 Shi, M.-J., 1 Shimada, K., 434 Shnizer, S., 1049 Shrayyef, M. Z., 67, 814 Siegel, D., 508 Silva, J., 233, 453 Silvestrov, N., 387 Simon, G., 488, 1074 Sing, C. F., 154 Siphaioglu, F., 892 Skoularigis, J., 1000 Sloan, R. P., 371 Smith, B., 544 Smith, D. H. G., 460 Smith, N. L., 806, 1011 Smulyan, H., 363 Socci, R. R., 387 Soffer, B., 795 Sofola, O. A., 6 Sohn, D.-W., 564 Soma, M., 129 Sowers, J. R., 41S Spencer, C.G.C., 11 Staessen, J. A., 87, 840

Schmidt, B. M. W., 80

123, 658, 1030

Schmieder, R. E., 80,

Standley, C. A., 393
Standley, P. R., 393
Stefanadis, C., 63, 914
Stier, C. T. Jr., 312
Stoijiljkovic, M. P., 331
Stoker, J. B., 194
Stokes, G. S., 719
Stolarz, K., 840
Strunge, B., 274
Su, D.-F., 585
Su, W., 570
Suh, J. Y., 429
Sung, K. C., 429
Svetkey, L. P., 337, 614
Syeda, B., 356

#### 7

Tada, Y., 959 Takasu, J., 350 Takeda-Matsubara, Y., 993 Takiuchi, S., 223, 725, 938 Tanaka, F., 1025 Tanaka, H., 629 Tang, W., 945 Tendler, B. E., 878 Teranishi, Y., 853 Tewksbury, D. A., 59 Thiel, B. A., 144, 151 Thomopoulos, C., 914 Tiago, A. D., 1006 Tikhonoff, V., 840 Tirschwell, D. L., 806 Tiwari, H., 151 Tizzone, L., 840 Tokmak, F., 96 Torre, A., 556 Torres, R., 556 Toutouzas, K., 914 Toutouzas, P., 63, 209, 914 Troyo-Sanromán, R., 375 Tsai, J., 350 Tsiasmis, E., 914 Tsioufis, C., 914 Tsuda, K., 244, 259, 502, 893 Tsudas, K., 95 Tuck, M. L., 708 Turner, S. T., 144, 154, 834

#### U

Ucieda, R., 200 Ueda, A., 853 Uiterwaal, C., 549 Uiterwaal, C. S. P. M., 76 Ullian, M. E., 814 Umeda, Y., 434 Unger, T., 445 Uzun, H., 892

# ٧

Valdivieso, M. A., 494 VanRemmen, H., 1 Vargas, F., 33 Vaudo, G., 634 Vaziri, N. D., 1043 Vázquez, F. J., 329 Vazquez-Linares, G., 375 Vehid, S., 892 Veinot, J. P., 319 Verdecchia, P., 87, 646, 895 Vetter, H., 445 Vieitez, P., 979 Vijg, J., 1 Vila, José M., 28 Viskoper, R., 484

Vitkovsky, J., 658 Vlachopoulos, C., 63 Vlase, H. L., 187 Vlcek, M., 297 Vogt, B. A., 795 Vollmer, W. M., 614 Volpe, V., 498 Vos, L. E., 76, 549 Voudris, V., 1000 Vyssoulis, G. P., 209

# W

Wachtell, K., 180 Wagner, M., 531 Wainstein, G., 617 Walker, J. J., 194 Wallukat, G., 827 Wang, J.-G., 840 Wangensteen, R., 33 Waquar, S., 393 Waring, W. S., 919 Watanabe, T., 754 Webb, D. J., 919 Weber, M. A., 460, 544 Wecht, J. M., 371 Weder, A. B., 144, 151 Weidinger, G., 1030 Weiss, R., 135 White, W. B., 612, 739, 878 Whitworth, J. A., 685 Wiecek, A., 72 Wilchek, M., 1053 Wilkinson, I. B., 262 Williams, M. A., 665 Wing, L. M. H., 39 Woelk, G. B., 665 Woisetchläger, C., 297 Wong, C. M., 281 Woodiwiss, A. J., 847, 1006 Wu, L.-Y., 173, 577, 623

# Υ

Yaldiran, A., 892 Yamaguchi, N., 03 Yamamoto, H., 350 Yang, H., 1 Yang, T.-C., 623 Yano, A., 853 Yee, J., 987 Yonezawa, S., 1025 Yoshihara, F., 725 Yoshikawa, T., 966 Yoshinaga, K., 653 Yuan, W.-J., 585

# Z

Zakopoulos, N. A., 777
Zaman, M. A., 925
Zanchetti, A., 544
Zhang, A., 701
Zhang, H. L., 1079
Zhang, Y., 685
Zhang, Z., 795
Zhou, X., 859
Zimlichman, R., 617, 715
Zion, A. S., 371
Zoppi, A., 596
Zusman, R. M., 135